EPA Registration Number

83222-14

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

August 13, 2007

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

JAMES OLIVER
J. OLIVER PRODUCTS, LLC
3187 ROBERTSON GIN ROAD
HERNANDO, MS 38632

Dear Mr. Oliver:

Subject: Transfer of Pesticide Registration From Company Number 53883 to Company Number 83222

Pursuant to your request in your letter and transfer agreement of June 26, 2007 which was received in our office on June 28, 2007, we have approved the transfer of the following registration from **CONTROL SOLUTIONS, INC.**, company number **53883** to **J. OLIVER PRODUCTS, LLC**, company number **83222.**

The effective date of these changes is the date of this letter.

Registered Products	Old EPA Reg. No.	New EPA Reg. No.
DICAMBA AG	53883-142	83222-14

You should indicate the new company designation, new EPA Registration Number and new Establishment Number (if it has changed) on the labeling at the next printing which should occur no later than 18 months after the effective date of this transfer. After 18 months, any product released for shipment must bear the new Registration Number and Establishment Number. If you intend to use the labels which currently appear on the transferor's product after the effective date of the transfer, but within the 18 month grace period, you must maintain complete and accurate records which identify by batch number, lot number, or other suitable description the quantities of such product bearing the transferor's label. Each container or package bearing the transferor's label which is released after the effective date of product registration transfer, must be clearly and accurately marked with the batch number, lot number or other descriptive designation used to identify the product in your records.

Supplemental distribution agreements of registered products do not transfer with the Section 3 registration. It is your responsibility as the registrant to notify any and all supplemental distributors of the transferred product(s) of this transfer agreement. If you wish to enter into supplemental distribution agreements of your product(s) under this new registration, the form "Notice of Supplemental Distribution of a Registered Pesticide Product," EPA Form 8570-5,

must be submitted to the Agency for each supplemental distributorship.

You are required to contact your local EPA Regional Office to determine what effect this transfer of pesticide registrations has on the pesticide production establishment registration.

It will not be necessary to submit labeling for review if the only changes are in the company designation and the EPA Registration Number. Other changes in the product and/or labeling may require EPA review and approval prior to initiation. In any correspondence on these products always refer to the U.S. EPA Registration Number listed above.

The transferred registration will have the same status under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, 7 USC 136 et seq., as it had prior to the approval of this transfer.

When registrations are transferred from one company to a second company, all restrictions, data requirements, conditions (suspensions), and deadlines existing on the registrations are transferred with the registrations. The new company is responsible for adhering to or complying with all such restrictions, etc. on the acquired products.

In regard to deadlines, the transferee company is responsible for submitting all required data according to the schedules already established for the acquired products. Failure to do so will result in the issuance of a Notice of Intent to Suspend. Requests from transferee companies for additional time to submit, because they acquired the registration(s) after the 3(c)(2)(B) request was issued will not be granted. If a transferee company has other valid reasons for delays in the testing which were clearly outside of their control, then such requests for time extensions will be considered in accordance with the established procedures. Transfers occurring while a 3(c)(2)(B) request is being issued or during the 90-day response time are subject to the same conditions expressed above.

Registration is in no way to be construed as an endorsement or approval of these products by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with FIFRA.

Furthermore, the transfer of the subject registrations is approved under the condition that the annual maintenance fee obligation has been fully satisfied. The marginal maintenance fee is determined based solely on the total number of active section 3 and section 24(c) registrations held by the transferor. If the annual maintenance fee has not been fully satisfied, the transferee and transferor will be notified to comply within a specified time period or the affected registrations may be canceled.

By copy of this letter we are informing the transferor of these changes. If you have any questions about this transfer approval please contact Kathleen O'Malley at (703) 305-5411.

Sincerely,

Steve Robbins, Chief
Information Services Branch
Information Technology & Resource Management Div. (7504P)

cc: JOE BLAKE
CONTROL SOLUTIONS, INC.
5903 GENOA-RED BLUFF
PASADENA, TX 77507-1041

MATERIAL TO BE ADDED TO JACKET

REG # 83222-14

Description: Alternate Brand Name

check all that apply		
☐	new stamped accepted label	Send to OSC
☐	new CSF	
☑	notification	

Instructions:

Attach this sheet to the top of **ALL** material sent to the file room (both loose paper and new material in jackets). This sheet will be imaged; a clear description will aid in finding material in the e-jacket. Remove staples from all material. If returning loose paper then hold together with a binder or paper clip. CSFs should be placed in the CSF folder (if returning jacket) or covered with a red CBI sheet (if returning loose paper). Material to be returned to file room should be place in the appropriate bin.

Reviewer's Name: Joyce Edwards Date: 6/7/10

Phone: 308-5479 Division: RD

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

JUN 3 2010

Mrs. Jane Miller
Agent to J. Oliver Products LLC
c/o Biological Inc 115 Obtuse Hill Road
Brookfield, CT 06804

RE: Notification to Add Alternate Brand Name: "Dicamba MAX 4"
EPA Registration Number: 83222-14
Date of Submission: April 20, 2010

Dear Mrs. Miller:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 dated, April 20, 2010, for the above mentioned product. The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the actions requested fall within the scope of PRN 98-10. The label submitted with the application has been stamped "Notification" and will be placed in our records.

If you have any questions, please me directly at 703-305-6249 or Joyce Edwards of my staff at 703-308-5479.

Sincerely,

Linda Arrington
Notifications & Minor Formulations Team Leader
Registration Division (7505P)
Office of Pesticide Programs

BIOLOGIC INC.
agribusiness professionals

April 20, 2010 .

Document Processing Desk (NOTIF)
Office of Pesticide Programs (7504P)
US Environmental Protection Agency
One Potomac Yard
2777 S. Crystal Drive
Room S-4900, 4th Floor
Arlington, VA 22202

Attention: Ms. Katherine Montague (PM #23)

RE: "Dicamba AG"; EPA Reg. No. 83222-14
Notification to add an Alternate Brand Name

Dear Ms. Montague:

On behalf of J. Oliver Products, LLC please find enclosed an Application for Pesticide Notification to add the alternate brand name of "**Dicamba MAX 4**" to the above mentioned end-use product.

The following documents are enclosed to process this Notification:

1. Application for Pesticide Notification (8570-1)

Should you have any questions, or wish to reach me, please feel free to contact our office at 203-740-1200.

Sincerely,

Jane Miller
Agent to J. Oliver Products, LLC

115 Obtuse Hill • Brookfield, Connecticut 06804 • USA
Voice: 203.740.1200 • Fax: 203.740.1220 • Email: lmiller@biologicconsulting.com

Please read instructions on reverse before completing form. Form Approved. OMB No. 2070-0060. Approval expires 2-28-95

United States
Environmental Protection Agency
Washington, DC 20460

- [ ] Registration
- [ ] Amendment
- [x] Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number	2. EPA Product Manager	3. Proposed Classification
83222-14	K. Montague	[ ] None [ ] Restricted
4. Company/Product (Name)	PM#	
Dicamba AG	23	

5. Name and Address of Applicant *(Include ZIP Code)*

J. Oliver Products, LLC
c/o BIOLOGIC, Inc. 115 Obtuse Hill Road
Brookfield, CT 06804

[ ] *Check if this is a new address*

6. **Expedited Reveiw.** In accordance with FIFRA Section 3(c)(3)(b)(i), my product is similar or identical in composition and labeling to:

EPA Reg. No. _____

Product Name _____

Section - II

- [ ] Amendment - Explain below.
- [ ] Resubmission in response to Agency letter dated _____
- [x] Notification - Explain below.
- [x] Final printed labels in reponse to Agency letter dated
- [ ] "Me Too" Application.
- [ ] Other - Explain below.

NOTIFICATION

JUN - 3 2010

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

This is a notification to add the alternate brand name of Dicamba MAX 4 to the product per PR Notice 98-10. This notification is consistent with the provisions of PR Notice 98-10 and the EPA regulations at 40 CFR 152.46 and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46 this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

Section - III

1. **Material This Product Will Be Packaged In:**

Child-Resistant Packaging	Unit Packaging	Water Soluble Packaging	2. Type of Container
[ ] Yes [ ] No	[ ] Yes [ ] No	[ ] Yes [ ] No	[ ] Metal [ ] Plastic [ ] Glass [ ] Paper [ ] Other (Specify)
* *Certification must be submitted*	If "Yes" Unit Packaging wgt. / No. per container	If "Yes" Package wgt / No. per container	

3. Location of Net Contents Information	4. Size(s) Retail Container	5. Location of Label Directions
[ ] Label [ ] Container		[ ] on label

6. Manner in Which Label is Affixed to Product [ ] Lithograph [ ] Paper glued [ ] Stenciled [ ] Other _____

Section - IV

1. Contact Point *(Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)*

Name	Title	Telephone No. (Include Area Code)
Jane M. Miller	Agent	(203) 740-1200

Certification

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowlingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.

6. Date Application Received (Stamped)

2. Signature	3. Title	
	Agent	
4. Typed Name: Jane M. Miller	5. Date: April 20, 2010	

9

EPA Form 8570-1 (Rev. 3-94) Previous editions are obsolete. White - EPA File Copy (original) Yellow - Applicant Copy

NOTIFICATION

JUN - 3 2010

DICAMBA AG

[alt. brand name DICAMBA MAX 4]

HERBICIDE FOR WEED CONTROL IN CORN, COTTON, SORGHUM, SOYBEAN, SMALL GRAINS, PASTURE, HAY, RANGELAND, GENERAL FARMSTEAD (NON-CROPLAND), FALLOW, SUGARCANE, ASPARAGUS, TURF AND GRASS

ACTIVE INGREDIENT:	
Dimethylamine salt of dicamba (3,6-dichloro-O-anisic acid)*	49.2%
OTHER INGREDIENTS:	50.8%
TOTAL:	100.0%

*This product contains 40.0% 3,6-dichloro-o-anisic acid (dicamba) or 4 pounds per gallon (480 g/L).

KEEP OUT OF REACH OF CHILDREN
CAUTION

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

IF SWALLOWED:	• Call a poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by a poison control center or doctor. • Do not give anything by mouth to an unconscious person.
IF IN EYES:	• Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present after the first 5 minutes, then continue rinsing eye. • Call poison control center or doctor for treatment advice.
IF ON SKIN OR CLOTHING:	• Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
HOT LINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-222-1222.	

EPA Reg. No. 83222-14 EPA Est. No. XXXXX-XX-XXX

Manufactured by:
J. OLIVER PRODUCTS, LLC
3187 Robertson Gin Road
Hernando, MS 38632

EPA Approved Amended Label 08252009
Notification to add alternate brand name 04202010

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
CAUTION

CAUTION: Harmful if swallowed. Causes substantial but temporary eye injury. Do not get in eyes, on skin, or on clothing. Avoid breathing spray mist.

PERSONAL PROTECTIVE EQUIPMENT (PPE)
Some materials that are chemical-resistant to this product are made of any waterproof material. If you want more options, follow the instructions for category A on an EPA chemical-resistance category selection chart.

All mixers, loaders, applicators and other handlers must wear:
- Long-sleeved shirt and long pants,
- Shoes plus socks, and
- Chemical-resistant gloves (except for applicators using groundboom equipment, pilots, and flaggers).

See engineering controls for additional requirements.

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

ENGINEERING CONTROLS STATEMENTS

Pilots must use cockpit in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240 (d) (4-6)].

USER SAFETY RECOMMENDATIONS

Users should:
- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters or rinsate.

Apply this product only as directed on label.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 24 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water is:

- Coveralls worn over short-sleeve shirt and short pants
- Chemical-resistant footwear plus socks
- Chemical-resistant gloves made of any waterproof material
- Chemical-resistant headgear for overhead exposure
- Protective eyewear

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to the uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, in nurseries, in forests, or in greenhouses.

Do not enter or allow others to enter the treated areas until the spray has dried.

Before applying DICAMBA AG [DICAMBA MAX 4], read all directions and precautions appearing on the container label and in this booklet. Failure to follow all directions and precautions may result in unsatisfactory weed control, crop injury, or illegal residues.

PRODUCT INFORMATION

The following directions apply to all uses of DICAMBA AG [DICAMBA MAX 4]. Additional precautions and restrictions will be found in each specific use section.

Do not treat irrigation ditches or water used for crop irrigation or domestic uses.

Do not apply this product through any type of irrigation system.

Do not exceed the maximum single application rate of 2 pints (1.0 lb. a.i.) DICAMBA AG [DICAMBA MAX 4] per application with no more than 2 applications per year.

MIXING AND APPLICATION

UNLESS OTHERWISE SPECIFIED UNDER THE INDIVIDUAL USE HEADINGS OF THIS BOOKLET, THE FOLLOWING DIRECTIONS APPLY TO ALL CROP AND NON-CROP USES OF DICAMBA AG [DICAMBA MAX 4]. REFER TO INDIVIDUAL USE SECTIONS FOR ADDITIONAL PRECAUTIONS, RESTRICTIONS, APPLICATION RATES AND TIMINGS.

DICAMBA AG [DICAMBA MAX 4] is a water-soluble formulation that can be applied using water or sprayable fluid fertilizer as the carrier. If a fluid fertilizer is to be used, a compatibility test (See COMPATIBILITY TEST) should be made prior to tank mixing.

Ground or aerial application equipment, which will give good spray coverage of weed foliage, should be used. HOWEVER, DO NOT USE AERIAL APPLICATION EQUIPMENT IF SPRAY PARTICLES CAN BE CARRIED BY WIND INTO AREAS WHERE SENSITIVE CROPS OR PLANTS ARE GROWING OR WHEN TEMPERATURE INVERSIONS EXIST.

Apply 3 to 50 gallons of diluted spray per treated acre when using ground application equipment or 1 to 10 gallons of diluted spray per treated acre (2 to 20 gallons of diluted spray per acre for preharvest uses) in a water-based carrier when using aerial application equipment. Use the higher level of the listed spray volumes when treating dense or tall vegetation. Use coarse sprays.

Select nozzles designed to produce minimal amounts of fine spray particles. Spray with nozzles as close to the weeds as

is practical for good weed coverage.

To avoid uneven spray coverage, DICAMBA AG [DICAMBA MAX 4] should not be applied during periods of gusty wind or when wind is in excess of 15 mph.

Avoid disturbing (e.g., cultivating or mowing) treated areas for at least 7 days following application.

BEST STEWARDSHIP PRACTICES

DICAMBA AG [DICAMBA MAX 4] provides effective broadleaf weed and brush control when properly applied. Best stewardship practices in all mixing, loading, and application operations not only maximize weed control, but also protect ground and surface waters and minimize off-target movement.

This chemical is known to leach through the soil into ground water under certain conditions as a result of agricultural use. Use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination.

GROUND AND SURFACE WATERS PROTECTION

1) Point source contamination - To prevent point source contamination, do not mix, load this pesticide product within 50 feet of wells (including abandoned wells and drainage wells), sink holes, perennial or intermittent streams and rivers, and natural or impounded lakes and reservoirs. Do not apply pesticide product within 50 feet of wells. This setback does not apply to properly capped or plugged abandoned wells and does not apply to impervious pad or properly diked mixing/loading areas as de-scribed below.

Mixing, loading, rinsing, or washing operations performed within 50 feet of a well are allowed only when conducted on an impervious pad constructed to withstand the weight of the heaviest load that may be on or move across the pad. The pad must be self-contained to prevent surface water flow over or from the pad. The pad capacity must be maintained at 110% that of the largest pesticide container or application equipment used on the pad and have sufficient capacity to contain all product spills, equipment or container leaks, equipment wash waters, and rainwater that may fall on the pad. The containment capacity does not apply to vehicles delivering pesticide shipments to the mixing/loading site. States may have in effect additional requirements regarding wellhead setbacks and operational containment.

Care must be taken when using this product to prevent: a) back siphoning into wells, b) spills or c) improper disposal of excess pesticide, spray mixtures or rinsates. Check valves or anti-siphoning devices must be used on all mixing equipment.

2) Movement by surface runoff or through soil - Do not apply under conditions which favor runoff. Do not apply to impervious substrates such as paved or highly compacted surfaces in areas with high potential for ground water contamination. Ground water contamination may occur in areas where soils are permeable or coarse and ground water is near the surface. Do not apply to soils classified as sand with less than 3% organic matter and where ground water depth is shallow (less than 8 feet in Arizona). To minimize the possibility of ground water contamination, carefully follow application rate recommendations as affected by soil type in the Product Information section of this label.

3) Movement by water erosion of treated soil - Do not apply or incorporate this product through any type of irrigation equipment nor by flood or furrow irrigation. Ensure treated areas have received at least one-half inch rainfall (or irrigation) before using tailwater for subsequent irrigation of other fields.

SENSITIVE CROP PRECAUTIONS

DICAMBA AG [DICAMBA MAX 4] may cause injury to desirable trees and plants, particularly beans, cotton, flowers, fruit trees, grapes, ornamentals, peas, potatoes, soybeans, sunflowers, tobacco, tomatoes, and other broadleaf plants when contacting their roots, stems or foliage. These plants are most sensitive to DICAMBA AG [DICAMBA MAX 4] during their development or growing stage. FOLLOW THE PRECAUTIONS LISTED BELOW WHEN USING DICAMBA AG [DICAMBA MAX 4].

- Do not treat areas where either possible downward movement into the soil or surface washing may cause contact of DICAMBA AG [DICAMBA MAX 4] with the roots of desirable plants such as trees and shrubs.
- Avoid making applications when air currents may carry spray particles to areas where sensitive crops and plants are growing, or when temperature inversions exist. Do not spray near sensitive plants if wind is gusty or in excess of 5 mph and moving in the direction of adjacent sensitive crops. Leave an adequate buffer zone between area to be treated and sensitive plants. Coarse sprays are less likely to drift out of the target area than fine sprays.
- Use coarse sprays to avoid potential herbicide drift. Select nozzles, which are designed to produce minimal amounts of fine spray particles. Examples of nozzles designed to produce coarse sprays via ground application are Delavan Raindrops, Spraying Systems XR flat fans, or large capacity flood nozzles such as D10, TK10, or greater capacity tips. Keep the spray pressure at or below 20 psi and the spray volume at or above 20 GPA, unless otherwise required by the manufacturer of drift-reducing nozzles. Consult your spray nozzle supplier concerning the choice of drift-reducing nozzles.
- Agriculturally approved drift-reducing additives may be used.
- Do not apply DICAMBA AG [DICAMBA MAX 4] adjacent to sensitive crops when the temperature on the day of application

is expected to exceed 85°F as drift is more likely to occur.

- To avoid injury to desirable plants, equipment used to apply DICAMBA AG [DICAMBA MAX 4] should be thoroughly cleaned (See PROCEDURE FOR CLEANING SPRAY EQUIPMENT) before reusing to apply any other chemicals.

All crop uses of DICAMBA AG [DICAMBA MAX 4] are intended for a normal growing interval between planting and harvest. No crop rotation restrictions exist if normal harvest of treated crop has occurred. If this interval is shortened, such as in cover crops that will be plowed under, do not follow up with the planting of a sensitive crop.

Crops growing under stress conditions such as drought, poor fertility, or foliar damage due to hail, wind or insects, can exhibit various injury symptoms that may be more pronounced if herbicides are applied.

Consult your local or state authorities for possible application restrictions and advice concerning these and other special local use situations. Tank mix recommendations are for use only in states where the tank mix product and application site are registered.

BAND TREATMENTS

DICAMBA AG [DICAMBA MAX 4] may be applied as a band treatment. Use the formulas below to determine the appropriate rate and volume per treated acre.

$$\frac{\text{Band width in inches}}{\text{Row width in inches}} \times \text{Broadcast RATE per treated acre} = \text{Band RATE per treated acre}$$

$$\frac{\text{Band width in inches}}{\text{Row width in inches}} \times \text{Broadcast VOLUME per treated acre} = \text{Band VOLUME per treated acre}$$

COMPATIBILITY TEST

Before mixing in the spray tank, it is advisable to test compatibility by mixing all components in a small container in proportionate quantities (see following table).

Amount of Herbicide to Add to One Pint of Spray Carrier
(Assuming Volume is 25 Gallons per Acre)

HERBICIDE FORMULATIONS	RATE PER ACRE	LEVEL TEASPOONS
Dry	1lb.	1 1/2
Liquid	1 pt.	1/2

If herbicide(s) do not ball-up or form flakes, sludge, gels, oily films or layers, or other precipitates, then the tested spray mix is compatible. Usually, incompatibility in any of the above-described forms will occur with 5 minutes after mixing.

If components are incompatible, the use of a compatibility agent is recommended. Rerun the above COMPATIBILITY TEST with a suitable compatibility agent (1/4 teaspoon is equivalent to 2 pints per 100 gallons of fluid fertilizer).

PROCEDURE FOR CLEANING SPRAY EQUIPMENT

The steps listed below are suggested for thorough cleaning of spray equipment following applications of DICAMBA AG [DICAMBA MAX 4] or tank mixes of DICAMBA AG [DICAMBA MAX 4] or tank mixes of DICAMBA AG [DICAMBA MAX 4] plus 2,4-D amine.

1) Hose down thoroughly the inside as well as outside surfaces of equipment while filling the spray tank half full of water. Flush by operating sprayer until the system is purged of the rinse water.

2) Fill tank with water while adding 1 quart of household ammonia for every 25 gallons of water. Operate the pump to circulate the ammonia solution through the sprayer system for 15 to 20 minutes and discharge a small amount of the ammonia solution through the boom and nozzles. Let the solution stand for several hours, preferably overnight.

3) Flush the solution out of the spray tank through the boom.

4) Remove the nozzles and screens and flush the system with two full tanks of water.

The steps listed below are suggested for thorough cleaning of spray equipment used to apply DICAMBA AG [DICAMBA MAX 4] as a tank mix with wettable powders (WP), emulsifiable concentrates (EC), or other types of water-dispersible formulations. DICAMBA AG [DICAMBA MAX 4] tank mixes with water-dispersible formulations require the use of a water/detergent rinse.

5) Complete step 1.

6) Fill tank with water while adding 2 lbs. of detergent for every 40 gallons of water. Operate the pump to circulate the detergent solution through the sprayer system for 5 to 10 minutes and discharge a small amount of the solution through the boom and nozzles. Let the solution stand for several hours, preferably overnight.

7) Flush the detergent solution out of the spray tank through the boom.

8) Repeat step 1, and follow with steps 2, 3 and 4.

GENERAL WEED LIST

This is a general list of weeds which may be treated with DICAMBA AG [DICAMBA MAX 4] in accordance with this label as recommended under the rates and timing sections of the Individual Use headings. Proper usage of this product will give control or growth suppression of many ANNUAL, BIENNIAL, and PERENNIAL broadleaf weeds, and many WOODY brush and vine species including:

ANNUAL			
Amaranth, Spiny (Spiny Pigweed)	Evening Primrose, Cutleaf	Pennycress, Field (Fanweed,	Sicklepod
Aster, Slender	Fleabane, Annual	Frenchweed, Stinkweed)	Sida, Prickly (Teaweed)
Bedstraw	Goosefoot, Nettleleaf	Pepperweed, Virginia	Smartweed, Green
Beggarweed, Florida	Henbit	(Peppergrass)	Smartweed, Pennsylvania
Broomweed, Common	Jimsonweed	Pigweed, Prostrate	Sneezeweed, Bitter
Buckwheat, Wild	Knotweed	Pigweed, Redroot (Carelessweed)	Sowthistle, Annual
Buffalobur	Kochia	Pigweed, Rough	Sowthistle, Spiny
Burclover, California	Ladysthumb	Pigweed, Smooth	Spikeweed, Common
Burcucumber	Lambsquarters Common	Pigweed (triazine resistant)	Spurge, Prostrate
Buttercup, Roughseed	Lambsquarters (triazine resistant)	Pigweed, Tumble	Spurry, Corn
Carpetweed	Lettuce, Prickly	Poorjoe	Starbur, Bristly
Catchfly, Nightflowering	Mallow, Common	Puncturevine	Sumpweed, Rough
Chamomile, Corn	Mallow, Venice	Purslane, Common	Sunflower, Common (Wild)
Chickweed, Common	Mare's Tail (Horseweed)	Pusley, Florida	Sunflower, Volunteer
Clovers (Annual)	Mayweed	Radish, Wild	Thistle, Russian
Cocklebur, Corn	Morning-glory, Ivyleaf	Ragweed, Common	Velvetleaf
Cocklebur, Cow	Morning-glory, Tall	Ragweed, Giant (Buffaloweed)	Waterhemp
Croton, Tropic	Mustard, Tansy	Ragweed, Lance-Leaf	Waterprimrose, Winged
Croton, Woolly	Mustard, Wild	Rubberweed, bitter (Bitterweed)	Wormwood, Annual
Daisy, English	Mustard (Yellowtops)	Sesbania, Hemp	
	Nightshade, Black	Shepherdpurse	

BIENNIALS			
Burdock, Common	Geranium, Carolina	Plantain, Bracted	Thistle, Bull
Carrot, Wild	Gromwell	Ragwort, Tansy	Thistle, Milk
(Queen Anne's Lace)	Knapweed, Diffuse	Starthistle, Yellow	Thistle, Musk
Cockle, White	Knapweed, Spotted	Sweetclover	Thistle, Plumeless
Evening Primrose, Common	Mallow, Dwarf	Teasel	

PERENNIALS			
*Alfalfa	*Dock Broadleaf (Bitterdock)	Milkweed, Western Whorled	Sundrop, Halfshrub
Artichoke, Jerusalem	*Dock, Curly	Nettle, Stinging	(Evening Primrose)
Aster, Spiny	Dogbane, Hemp	Nightshade, Silverleaf	Thistle, Canada
Aster, Whiteheath	*Dogfennel (Cypressweed)	(White Horsenettle)	Toadflex, Dalmation
Beadstraw, Smooth	Fern, Bracken	Onion, Wild	Tropical Soda Apple
Bindweed, Field	Garlic, Wild	*Plantain, Broadleaf	Trumpetcreeper (Buckvine)
Bindweed, Hedge	Goldenrod, Canada	*Plantain, Buckhorn	Vetch
Blueweed, Texas	Goldenrod, Missouri	Pokeweed	Waterhemlock
*Bursage, (Bur Ragweed,	Goldenweed, Common	Ragweed, Western	Waterprimrose, Creeping
Lakeweed, Povertyweed)	Hawkweed	Redvine	*Woodsorrel, Creeping
Buttercup, Tall	Henbane, Black	Sericia Lespedeza	Common Yellow
Campion, Bladder	Horsenettle, Carolina	Smartweed, Swamp	Wormwood, Common
Chickweed, Field	Ironweed	Snakeweed, Broom	Wormwood, Louisiana
Chickweed (Mouseear,	Knapweed, Black	*Sorrel, Red (Sheep Sorrel)	*Yankeeweed
Canada)	Knapweed, Russian	Sowthistle	Yarrow, Common
Chicory	Milkweed, Climbing	Sowthistle, Perennial	
*Clover, Hop	Milkweed, Common	Spurge, Leafy	
*Dandelion, Common	Milkweed, Honeyvine		

*Noted perennials may be controlled using DICAMBA AG [DICAMBA MAX 4] at rates lower than those recommended for other listed perennial weeds. (See application rates and timing sections in this label.)

WOODY			
Alder	*Dewberry	Locust, Black	Sagebrush, Fringed
Ash	*Dogwood	Maple	Sassafras
Aspen	Elm	Mesquite	Serviceberry
Basswood	Grape	Oak	Spicebush
Beech	*Hawthorn (Thornapple)	Oak, Poison	Spruce
Birch	Hemlock	Olive, Russian	Sumac
*Blackberry	Hickory	Persimmon, Eastern	*Sweetgum
*Blackgum	Honeylocust	Pine	Sycamore
*Cedar	Honeysuckle	*Plum, Sand (Wild Plum)	Tarbush
Cherry	Hornbeam	Poplar	Willow
Chinquapin	Huckleberry	Rabbitbrush	Witchhazel
Cottonwood	Hulsache	*Redcedar, Eastern	*Yaupon
*Creosotebush	Ivy, Poison	*Rose, McCartney	*Yucca
Cucumbertree	Kudzu	*Rose, Multiflora	

*Growth suppression

FIELD, SEED*, POPCORN* AND SILAGE CORN

Observe all precautions, mixing, and application instructions as well as the following:

* Do not apply DICAMBA AG [DICAMBA MAX 4] to seed corn or popcorn without first verifying with your local seed corn company (supplier) the Dicamba selectivity on your inbred line or variety of popcorn. This precaution will help avoid potential injury of sensitive varieties.

DICAMBA AG [DICAMBA MAX 4] is not registered for use on sweet corn.

Direct contact of DICAMBA AG [DICAMBA MAX 4] with corn seed must be avoided. If corn seeds are less than 1 1/2 inches below the surface, delay application until corn has emerged.

Up to 2 applications of DICAMBA AG [DICAMBA MAX 4[may be made during a growing season. Do not exceed a total of 1 1/2 pints of DICAMBA AG [DICAMBA MAX 4] per treated acre per crop year. Allow two weeks or more between applications of DICAMBA AG [DICAMBA MAX 4[. See appropriate section for rate information. For combination options or sequential treatments, refer to appropriate section.

Applications of DICAMBA AG [DICAMBA MAX 4] to corn during periods of rapid growth may result in temporary leaning. Corn will usually become erect within 3 to 7 days. Cultivation should be delayed until after corn is growing normally to avoid breakage.

Agriculturally approved surfactants or sprayable fertilizers (1/2 to 1 gallon per acre of 28%, 30% or 32% urea ammonium nitrate or 2.5 pounds per acre spray grade ammonium sulfate') may be added to the spray mixture to improve postemergence weed control, particularly in dry growing conditions.

Do not use adjuvants containing penatrants such as petroleum-based oils after crop emergence or crop injury may result.

Corn may be harvested or grazed for feed once the crop has reached the ensilage (milk) stage or later in maturity.

Several synthetic pyrethroid insecticides are labeled for tank mix applications of dicamba. Refer to their label for specific recommendations.

WEEDS CONTROLLED

DICAMBA AG [DICAMBA MAX 4] will control many ANNUAL broadleaf weeds or give growth suppression of many PERENNIAL broadleaf weeds commonly found in corn. (Refer to the GENERAL WEED LIST).

For best performance, make application when weeds have emerged and are actively growing.

Preemergence control of cocklebur, velvetleaf, and jimsonweed may be reduced if conditions such as low temperature or lack of soil moisture cause delayed or deep germination of weeds.

PREPLANT/PREEMERGENCE IN NO-TILLAGE CORN

Applications of DICAMBA AG [DICAMBA MAX 4] may be made before, during, or after planting to emerged and actively growing broadleaf weeds. Apply DICAMBA AG [DICAMBA MAX 4] at 1 pint per treated acre on medium or fine textured soils containing 2% or greater organic matter. Use 1/2 pint per treated acre on coarse textured soils (sand, sandy loam, and loamy sand) or medium and fine textured soils with less than 2% organic matter.

When planting into a legume sod (e.g., alfalfa or clover), apply DICAMBA AG [DICAMBA MAX 4] after 4 to 6 inches of regrowth has occurred.

PREEMERGENCE IN CONVENTIONAL OR REDUCED TILLAGE CORN

DICAMBA AG [DICAMBA MAX 4] may be applied after planting and prior to corn emergence. Application at 1 pint per treated acre may be made to medium or fine textured soils, which contain 2% or greater organic matter. DO NOT apply to coarse textured soils (sand, sandy loam, and loamy sand) until after crop emergence (see Early Postemergence uses below).

Preemergence application of DICAMBA AG [DICAMBA MAX 4] does not require mechanical incorporation to become active. A shallow mechanical incorporation is recommended if application is not followed by adequate rainfall or sprinkler irrigation. Avoid tillage equipment (e.g., drags, harrows) which concentrates treated soil over seed furrow.

EARLY POSTEMERGENCE (ALL TILLAGE SYSTEMS)
(Spike through 8-inch tall corn)

DICAMBA AG [DICAMBA MAX 4] at 1 pint per treated acre may be applied during the period from corn emergence through the five leaf stage or 8 inches tall, whichever comes first. Reduce the rate to 1/2 pint per treated acre if corn is growing on coarse textured soils (sand, sandy loam, and loamy sand). See LATE POSTEMERGENCE APPLICATIONS given below if the 6th true leaf is emerging from whorl or corn is greater than 8 inches tall.

LATE POSTEMERGENCE (ALL TILLAGE SYSTEMS)
(8 to 36 inch tall corn)

Application of DICAMBA AG [DICAMBA MAX 4] at 1 /2 pint per treated acre may be made from 8 to 36 inch tall corn or 15 days before tassel emergence, whichever comes first. For best performance, make applications when weeds are less than 3 inches tall.

Make directed spray application when (1) corn leaves prevent proper spray coverage; (2) sensitive crops are growing nearby; (3) tank mixing with 2,4-D.

DO NOT apply DICAMBA AG [DICAMBA MAX 4] when soybeans are growing nearby if any of these conditions exist:
- corn is more than 24 inches tall
- soybeans are more than 10 inches tall
- soybeans have begun to bloom

OVERLAY (SEQUENTIAL)TREATMENTS

DICAMBA AG [DICAMBA MAX 4[may be applied to ground previously treated with one or more of the following herbicides registered for use in corn:

acetochlor alachlor (Lasso® , Lasso MT®) atrazine Broadstrike® butylate (Sutan®) dimethenamid (Frontier®) EPTC	glyphosate halosulfuron (Battalion ®, Permit®, Lariat®) metolachlor paraquat pendimethalin propachlor (Ramrod ®) simazine

Apply DICAMBA AG [DICAMBA MAX 4] at 1/2 pint per treated acre to ground previously treated with full rates of Clarity or Marksman herbicides. Allow at least 2 weeks between applications.

READ AND FOLLOW LABEL DIRECTIONS FOR EACH OF THE ABOVE PRODUCTS.

TANK MIX TREATMENTS FOR CORN

DICAMBA AG [DICAMBA MAX 4] may be tank mixed with one or more of the following herbicides for control of grasses or additional broadleaf weeds. Read and follow the label of each tank mix product used for precautionary statements, directions for use, rates and timings, and other restrictions.

RATES AND TIMINGS					
DICAMBA AG [DICAMBA MAX 4] Plus	**Preplant/ Preemergent (No Tillage Corn)**	**Pre-emergent (Conventional or Reduced Tillage Corn)**	**Early Post-Emergent (All Tillage Systems)**	**Late Post-Emergent (All Tillage Systems)**	**Additional Directions**
Accent® (nicosulfuron)	-	-	t/2-t oz a.I./A	1/2-t oz a.I./A (To improve spray coverage of weeds and reduce risk of corn injury, use drop pipes to direct spray beneath corn leaves when corn is greater than 8 inches tall)	Application may be made to emerged weeds before corn is greater than 24 inches tall. Use non-ionic surfactant at .25% (v/v) with this tank mixture.
Atrazine	t t/4-2 lbs a.I./A	t t/4 -2 lbs a.I./A	t t/4-2 lbs. a.I./A Crop oil concentrates may be used with this mixture if corn is 5 inches or less in height.	t t/4-2 lbs. a.I./A Do not apply if corn is greater than t2 inches tall.	Application may be made before grasses are t t/2" tall. Follow all state and Federal restrictions pertaining to atrazine applications.
Beacon® (primisulfuron)	-	-	0.3t-0.62 oz a.I./A	0.3t-0.62 oz a.I./A (To improve spray coverage of weeds and reduce risk of corn injury, use drop pipes to direct spray beneath corn leaves when corn is greater than 8 inches tall)	Application may be made to emerged weeds when corn is 4 to 24 inches tall. Use non-ionic surfactant at 25% (v/v) with this tank mixture.
Metolachlor	t 1/2-3 lbs a.i./A	t t/2-3 lbs a.I./A (Use only on fine or medium textured soils with 2 t/2% or greater organic matter.)	t t/2-3 lbs. a.I./A	-	Application may be made before grasses reach the 2 leaf stage and before corn is greater than 3 inches tall.
Frontier® (dimethenamid)	t3-25 fl oz/A	t3-25 fl oz/A (Use only on fine or medium textured soils with 2.5% or greater organic matter.)	t3-25 fl. oz./A	-	Application may be made up to 8 inch tall corn. This treatment must be combined with a herbicide that provides post-emergence control of grass weeds if they are greater than 1 inch tall at the time of application.
Frontier® 6.0 (dimethenamid)	t6-32 fl oz/A	t6-32 fl oz/A (Use only on fine or medium textured soils with 2.5% or greater organic matter.)	-	-	Application may be made up to 8 inch tall corn. This treatment must be combined with a herbicide that provides post-emergence control of grass weeds if they are greater than 1 inch tall at the time of application.

DICAMBA AG [DICAMBA MAX 4] Plus	Preplant/ Preemergent (No Tillage Corn)	Pre-emergent (Conventional or Reduced Tillage Corn)	Early Post-Emergent (All Tillage Systems)	Late Post-Emergent (All Tillage Systems)	Additional Directions
Paraquat	1/4-1 lb a.i./A	1/4-1 lb a.i./A	-	-	Application may be made to emerged weeds but prior to corn emergence.
Acetochlor	1 1/2-3 lbs a.i./A	1 1/2-3 lbs a.i./A (Use only on fine textured soils with greater than 2.5% organic matter)	-	-	Application should be made prior to corn emergence.
Lasso® (alachlor)	1 1/2-4 lbs a.i./A	1 1/2-4 lbs a.i./A (Use only on fine textured soils with greater than 2.5% organic matter.)	1 1/2-4 lbs a.i./A	-	Application may be made before grasses reach the 2 leaf stage and before corn is greater than 3 inches tall. If microencapsulated forms of alachlor are used (Lasso MT), applications must be made prior to grass emergence.
Simazine	2.0-3.0 lbs a.i./A	2.0-3.0 lbs a.i./A	-	-	Application may be made prior to corn or weed emergence.
Pendimethalin	-	3/4-1 1/2 lbs a.i./A (Use only on fine or medium textured soils with 2 1/2% or greater organic matter.)	3/4-1 1/2 lbs a.i./A	-	Application may be made immediately after planting but prior to weed emergence. Corn should not be beyond the 2 leaf stage of growth.
Glyphosate	1.0-3.0 lbs a.i./A	1.0-3.0 lbs a.i./A	-	-	Application may be made to emerged weeds but prior to corn emergence.
Clopyralid	-	-	0.035-0.07 lb a.i./A	0.035-0.07 lb a.i./A	Application may be made any time after corn emergence through 24 inch tall corn. Use drop nozzles to direct spray after corn exceeds the 8 inch stage. Apply when the majority of the thistle-plants have emerged and are at least 4 inches in height, but before bud stage. Use higher rates listed for stand reduction or larger thistle plants or heavier infestations. Lower rates listed may provide seasonal thistle suppression only.
Pyridate	-	-	0.47 lb a.i./A	0.47 lb a.i./A	Application may be made to emerged, actively growing weeds. Directed applications are recommended when corn is large enough to prevent proper spray coverage.
2,4-D	1/4-1/2 lb a.i./A	1/4-1/2 lb a.i./A	Not recommended	1/8 lb a.i./A	Drop pipes are to be used when corn height is 8 inches or greater. Keeping the spray off the corn leaves and out of the whorl will reduce the likelihood of crop injury and improve spray coverage of weed foliage.

COTTON

EXCEPT CALIFORNIA

PREPLANTAPPLICATION: Apply up to 8 fluid ounces of DICAMBA AG [DICAMBA MAX 4] per acre to control emerged broadleaf weeds prior to planting cotton in conventional or conservation tillage systems.

For best performance, apply DICAMBA AG [DICAMBA MAX 4] when weeds are in the 2 - 4 leaf stage and rosettes are less than 2" across.

Following application of DICAMBA AG [DICAMBA MAX 4] and a minimum accumulation of 1" of rainfall or overhead irrigation, a waiting interval of 21 days is required per 8 fluid ounces per acre or less. These intervals must be observed prior to planting cotton.

Do not apply preplant to cotton west of the Rockies.

Do not make DICAMBA AG [DICAMBA MAX 4] preplant applications to geographic areas with average annual rainfall less than 25".

If applying a spring preplant treatment following application of a fall preplant (postharvest) treatment, then the combination of both treatments may not exceed 2 pounds acid equivalent per acre.

COTTON TANK MIXES
For control of grasses or additional broadleaf weeds, DICAMBA AG [DICAMBA MAX 4] may be tank mixed with prometryn, paraquat, and glyphosate herbicides.

SORGHUM (MILO)

Observe all precautions, including the reference to crops growing under stress.

Read and follow mixing and application instructions.

Applications of DICAMBA AG [DICAMBA MAX 4] to sorghum during periods of rapid growth may result in temporary leaning of plants or rolling of leaves. These effects are usually outgrown within 10 to 14 days.

Restrictions:

- **Pre-Harvest Interval (PHI) :**
  Grain sorghum (PHI): 30 days
  Fodder (PHI): 30 days
  Forage (PHI): 20 days
- Do not graze or feed treated sorghum forage or silage prior to mature grain stage. If sorghum is grown for pasture or hay, refer to the pasture use section of this label.
- Do not apply DICAMBA AG [DICAMBA MAX 4] to sorghum grown for seed production.
- Make no more than one application per growing season.

WEEDS CONTROLLED
DICAMBA AG [DICAMBA MAX 4], when applied at the specified rate for sorghum, will control many actively growing ANNUAL broadleaf weeds and will reduce competition from established PERENNIAL broadleaf weeds as well as control their seedlings. (Refer to GENERAL WEED LIST).

RATES AND TIMINGS
DICAMBA AG [DICAMBA MAX 4] may be applied to emerged and actively growing weeds at least 15 days prior to planting. Postemergence application of DICAMBA AG [DICAMBA MAX 4] must be made after sorghum is in the spike stage (all sorghum emerged) but before sorghum is 15 inches tall. For best performance, make applications when sorghum is in the 3 to 5 leaf stage and weeds are small (less than 3 inches tall). Use drop pipes (drop nozzles) if sorghum is taller than 8 inches. Keeping the spray off the sorghum leaves and out of the whorl will reduce the likelihood of crop injury and improve spray coverage of weed foliage.

Broadcast rate per treated acre:
1/2 pint (1/4 lb. a.i.)

TANK MIX TREATMENTS

DICAMBA AG [DICAMBA MAX 4] plus Atrazine:

For improved control of emerged, actively growing broadleaf weeds including triazine resistant species and added suppression of perennial broadleaf weeds, tank mix 1/2 pint DICAMBA AG [DICAMBA MAX 4] with 0.5 to 1.25 lbs. a.i. atrazine per treated acre. For control of grasses (less than 1.5 inches tall), tank mix 1/2 pint DICAMBA AG [DICAMBA MAX 4] with 2 lbs. a.i. atrazine per treated acre. For best performance and minimal crop injury, make application when sorghum is 3-8 inches tall and when broadleaf weeds are small (less than 6 inches tall). Application of atrazine must be made before sorghum is beyond 12 inches tall. The atrazine rate will depend upon soil texture and length of residual weed control desired. Follow all state and Federal restrictions pertaining to atrazine applications.

DICAMBA AG [DICAMBA MAX 4] plus bromoxynil:

For improved control of broadleaf weeds, tank mix 1/2 pint DICAMBA AG [DICAMBA MAX 4] with 1 - 1 1/2 pint bromoxynil herbicide per treated acre. Make application at 4 leaf to 15-inch tall sorghum. Use drop nozzles to direct spray beneath sorghum leaves when sorghum is greater than 8 inches tall.

READ AND FOLLOW THE LABEL OF EACH TANK MIX PRODUCT USED FOR PRECAUTIONARY STATEMENTS, DIRECTIONS FOR USE, APPLICATION RATES AND TIMINGS, AND OTHER RESTRICTIONS.

OVERLAY (SEQUENTIAL)TREATMENTS

DICAMBA AG [DICAMBA MAX 4] may be applied to ground previously treated with one or more of the following herbicides:

Herbicide	Maximum Rate Per Treated Acre (lbs. a.i.)
alachlor (Lasso®)	4
atrazine[1]	2.5
metolachlor	2.5
propachlor (Ramrod®)	5

[1] Maximum use rate for atrazine is determined by soil type, tillage practices used, surface residue, and state or local restrictions. Follow the more restrictive requirements when determining the maximum use rate for atrazine.

PREHARVEST USES

FOR USE ONLY IN THE STATES OF TEXAS AND OKLAHOMA

DICAMBA AG [DICAMBA MAX 4] may be applied for weed suppression any time after the sorghum has reached the soft dough stage. An agriculturally approved surfactant may be used to improve performance. For aerial applications use at least 2 gallons of water-based carrier per treated acre.

Delay harvest until 30 days after treatment.

Broadcast rate per treated acre:
1/2 pint (1/4 lb. a.i.)

SMALL GRAINS (WHEAT, BARLEY AND OATS) NOT UNDERSEEDED TO LEGUMES

IMPORTANT

Observe all precautions. Read and follow cleaning, mixing and application instructions.

Restrictions:

- **Pre-harvest Interval (PHI) –**
  Grain (PHI): 7 days
- **If small grains are used for pasture or hay, the following restrictions apply:**
  Animals cannot be removed from treated area for slaughter prior to 30 days after last application.
  There is no waiting period between treatment and grazing for non-lactating dairy animals.
  Treated areas may not be grazed by lactating dairy animals before 7 days after treatment.
  Do not harvest hay from treated areas before 37 days after treatment.

NOTE: Observe all precautions and restrictions on the labels of products used in tank mix treatments.

WEEDS CONTROLLED

DICAMBA AG [DICAMBA MAX 4] or combinations with listed tank mix partners will provide control or suppression of the annual broadleaf weeds listed below. For improved control of listed weeds, it is recommended that DICAMBA AG [DICAMBA MAX 4] be applied in a tank mix with other herbicides. Refer to specific crop for tank mix options.

Alkanet [1]	Knawel (German Moss)	Pigweed, Tumble
Bedstraw, Catchweed [1]	Knotweed, Prostrate	Pineappleweed [1]
Bindweed, Field [2]	Kochia	Plantain, Broadleaf [2]
Buckwheat Tartary	Ladysthumb	Poppy, Red Horned [1]
Buckwheat, Wild	Lambsquarters, Common	Puncturevine [1]
Carpetweed [1]	Lettuce, Miners [1]	Purslane, Common
Chamomile, Corn	Lettuce, Prickly	Radish, Wild [1]
Chervil, Bur [1]	Mallow, Common	Ragweed, Common
Chickweed, Common [1]	Mayweed, Chamomile	Ragweed, Giant
Cockle, Corn	(Dogfennel) [1]	(Buffaloweed) [1]
Cockle, Cow	Mustard, Blue	Rocket, London [1]
Cocklebur, Common	(Purple) [1]	Rocket, Yellow [1]
Cornflower	Mustard, Tansy	Salsify (Goatsbeard) [1]
(Bachelorbutton) [1]	Mustard Treacle [1]	Shepherdspurse [1]
Dandelion, Common [2]	Mustard, Tumble	Smartweed, Green
Dock, Curly [2]	(Jim Hill) [1]	Smartweed, Pennsylvania
Dragonhead, American [1]	Mustard, Wild [1]	Sorrel, Red
Evening Primrose,	Nightshade, Black	(Sheep Sorrel) [1]
Cutleaf [1]	Nightshade, Cutleaf [1]	Sowthistle, Annual
Falseflax, Smallseeded [1]	Nightshade Silverleaf [2]	Starthistle, Yellow [1]
Fiddleneck, (Tarweed) [1]	(White Horsenettle)	Sunflower, Common (Wild)
Flixweed [1]	Pennycress, Field	Thistle, Canada [2]
Fumitory [1]	(Fanweed, Frenchweed,	Thistle, Russian
Gromwell, Corn [1]	Stinkweed)	Velvetleaf
Groundsel, Common [1]	Pepperweed, Peppergrass [1]	Vetch [1]
Hempnettle [1]	Pigweed, Redroot	Yarrow, Common [2]
Henbit	(Carelessweed)	
Jacobs Ladder [1]	Pigweed, Rough	

[1] These weeds will be controlled with DICAMBA AG [DICAMBA MAX 4] tank mixtures. Refer to tank mix label for specific weeds controlled.

[2] DICAMBA AG [DICAMBA MAX 4] tank mixes will provide suppression of established broadleaf weeds and control their seedlings.

RATES AND TIMINGS

Application of DICAMBA AG [DICAMBA MAX 4] may be made before, during or after planting small grains. For best performance, make applications when weeds are in the 2-3 leaf stage and rosettes are less than 2 inches across. Application of DICAMBA AG [DICAMBA MAX 4] to small grains during periods of rapid growth may result in crop leaning. This condition is temporary and will not reduce crop yields.

Use DICAMBA AG [DICAMBA MAX 4] at 2 to 4 fluid ounces per treated acre in wheat, fall seeded barley, and oats, and at 2 to 3 fluid ounces per treated acre in spring seeded barley. Use the higher level of listed rate ranges when treating difficult to control weeds such as kochia, wild buckwheat, cow cockle, prostrate knotweed, Russian thistle, and prickly lettuce or when dense vegetative growth occurs.

DICAMBA AG [DICAMBA MAX 4] used in a tank mix with other herbicides offers the best spectrum of weed control and herbicide tolerant or resistant weed management. Refer to specific crop for DICAMBA AG [DICAMBA MAX 4] rate and application timing.

For applications prior to the emergence of weeds or when sulfonylurea resistant weeds are present or suspected, use a minimum of 3 fluid ounces per treated acre of DICAMBA AG [DICAMBA MAX 4] with a tank mix herbicide. Non-sulfonylurea herbicides such as 2,4-D or MCPA tank mixed with DICAMBA AG [DICAMBA MAX 4] will offer more consistent control of sulfonylurea resistant weeds.

When tank mixing with sulfonylurea herbicides, such as Ally ®, Amber ®, Express ®, ®, Glean® and Harmony ® Extra, use an agriculturally approved surfactant of at least 80% active ingredient at the rate of 1-4 pints/100 gallons of spray or not more than 0.25-0.5% by volume. Use the highest rate of surfactant when using the lower rate ranges of the tank mix and/or when treating more mature and difficult to control weeds or dense vegetative growth.

FALL AND SPRING SEEDED WHEAT

DICAMBA AG [DICAMBA MAX 4] MUST BE APPLIED TO FALL SEEDED WHEAT PRIOR TO THE JOINTING STAGE. APPLICATIONS TO SPRING SEEDED WHEAT MUST BE MADE BEFORE WHEAT REACHES THE 6 LEAF STAGE.

NOTE: Early developing wheat varieties such as TAM 107, MADISON, or WAKEFIELD must receive application between early tillering and the jointing stage. Care should be taken in staging these varieties to be certain that the application occurs prior to the jointing stage.

TANK MIX TREATMENTS

DICAMBA AG [DICAMBA MAX 4] may be tank mixed with one or more of the following herbicides. Read and follow the label of each tank mix product used for precautionary statements, directions for use, weeds controlled, geographic and other restrictions.

Broadcast rate per treated acre:

Apply 2-4 fluid ounces DICAMBA AG [DICAMBA MAX 4] with:

Product	Active Ingredient	Formulation	Amount of Product Per Acre
2,4-D Amine or Ester	2,4-D	4 lb/gal	8-12 fluid oz (.25-.375 lb a.i./A)[1]
MCPA Amine or Ester	MCPA	4 lb/gal	8-12 fluid oz (.25-.375 lb a.i./A)[1]
Ally®	metsulfuron-methyl	60% DF	1/10 oz
Amber®	triasulfuron	75% DF	0.28 oz
Express®	thifensulfuron + tribenuron-methyl	75% DF	1/6 oz
chlorsulfuron + metsulfuron-methyl	chlorsulfuron + metsulfuron-methyl	75% DF	1/3 oz
Glean®	chlorsulfuron	75% DF	1/6 oz
Harmony® Extra	thifensulfuron + tribenuron-methyl	75% DF	1/3 oz
bromoxynil	bromoxynil	2 lb/gal	1-1.5 pts
Bronate®	bromoxynil + MCPA	4 lb/gal	1-2 pts
Curtail®	clopyralid+ 2,4-D	2.38 lb/gal	2-2 2/3pts
clopyralid	clopyralid	3 lb/gal	1/4-1/3 pt
diuron [2]	diuron	80% DF	1/2-1.5 lbs
metribuzin [2]	metribuzin	75% DF	1-10 oz
Fenoxaprop-ethyl+MCPA® [3]	fenoxaprop-ethyl+MCPA	3.1 lb/gal	16 fluid oz
fenoxaprop-ethyl + MCPA + 2,4D [3]	fenoxaprop-ethyl + MCPA + 2,4D	2.7 lb/gal	1-1.7 pts

[1] When using formulations other than 4 lbs/gal use pounds active/acre listed.

[2] Tank mixtures for fall seeded wheat only.

[3] Use 2 fluid ounces of DICAMBA AG [DICAMBA MAX 4] only. Do not use if wild oats is the target weed. Do not use DICAMBA AG [DICAMBA MAX 4] as a tank mix treatment with Fenoxaprop-ethyl+MCPA® or Fenoxaprop-ethyl + MCPA + 2,4D® on Durum wheat.

SPECIAL USE TANK MIXES FOR SPRING AND FALL SEEDED WHEAT
(See Footnotes for Applicable Uses)

BROADCAST RATE PER TREATED ACRE:
Apply 3-4 [1] fluid ounces DICAMBA AG [DICAMBA MAX 4] with:

Product [2]	Active Ingredient	Formulation	Amount of Product Per Acre
2,4-D or MCPA Amine	2,4-D or MCPA	4 lb/gal	1-2 pts [3] (.5-1.0 lb a.i./A) [4]
2,4-D or MCPA Ester	2,4-D or MCPA	4 lb/gal	1-1.5 pts [3] (.5-.75 lb a.i./A) [4]
Ally®	metsulfuron-methyl	60% DF	1/20-1/10 oz
Amber®	triasulfuron	75% DF	0.14-0.28 oz
Express®	thifensulfuron + tribenuron-methyl	75% DF	1/12-1/6 oz
chlorsulfuron + metsulfuron-methyl	chlorsulfuron + metsulfuron-methyl	75% DF	1/6-1/3 oz
Glean	chlorsulfuron	75% DF	1/6 oz
Harmony® Extra	thifensulfuron + tribenuron-methyl	75% DF	1/6-1/3 oz
Metsulfuron-methyl + 2,4-D Amine or Ester [5]	Metsulfuron-methyl + 2,4-D	60% DF + 4 lb/gal	1/20-1/10 oz + 8 fl oz
Amber® + 2,4-D Amine or Ester [5]	triasulfuron + 2,4-D	75% DF + 4 lb/gal	0.14-0.28 oz + 8 fl oz
Express®+ 2,4-D Amine or Ester [5]	(thifensulfuron + tribenuron-methyl)+ 2,4-D	75% DF + 4 lb/gal	1/12-1/6 oz + 8 fl oz
(chlorsulfuron + metsulfuron-methyl) + 2,4-D Amine or Ester [5]	(chlorsulfuron + metsulfuron-methyl)+2,4-D	75% DF + 4 lb/gal	1/6-1/3 oz + 8 fl oz
chlorsulfuron + 2,4-D Amine or Ester [5]	chlorsulfuron + 2,4-D	75% DF + 4 lb/gal	1/6 + 8 fl oz
Harmony® Extra+2,4-D Amine or Ester [5]	(thifensulfuron + tribenuron-methyl)+ 2,4-D	75% DF + 4 lb/gal	1/6-1/3 oz + 8 fl oz
glyphosate [6]	glyphosate	3.0 lb/gal	12-16 fl oz

[1] DICAMBA AG [DICAMBA MAX 4] may be used at 6 fluid ounces on fall seeded wheat in Western Oregon as a spring application only. In CO, KS, NM, OK and TX up to 8 fluid ounces of DICAMBA AG [DICAMBA MAX 4] may be applied on fall seeded wheat after it exceeds the 3 leaf stage for suppression of perennial weeds, such as field bindweed. Applications may be made in the fall following a frost but before a killing freeze. DICAMBA AG [DICAMBA MAX 4] may be tank mixed with 2,4-D amine at 8 fluid ounces after wheat begins to tiller. Periods of extended stress such as cold and wet weather may enhance the possibility of crop injury. For fall applications only, do not use if the potential for crop injury is not acceptable.

[2] Do not use low rates of sulfonylurea herbicides, such as Metsulfuron-methyl, Amber, Express, Finesse, Chlorsulfuron , and Harmony Extra on more mature weeds and/or on dense vegetative growth.

[3] **NOTE:** For use on Fall Seeded Wheat only. Do not use unless potential crop injury will be acceptable.

[4] When using formulations other than 4 lb/gal use pounds active/acre listed.

[5] Use for improved control of Russian thistle, flixweed, gromwell, mayweed and fiddleneck.

[6] DICAMBA AG [DICAMBA MAX 4] may be applied at 2 fluid ounces with any glyphosate formulation labeled for use as a preplant application to small grains with no waiting period prior to planting. Read and follow label directions of the tank mix product for adjuvant use recommendations.

FALL SEEDED BARLEY

DICAMBA AG [DICAMBA MAX 4] **MUST BE** APPLIED TO FALL SEEDED BARLEY PRIOR TO THE JOINTING STAGE.

NOTE: For spring barley varieties that are seeded during the winter months or later, follow the rates and timings given for Spring Seeded Barley.

TANK MIX TREATMENTS

DICAMBA AG [DICAMBA MAX 4] may be tank mixed with one or more, but not limited to, the following herbicides. Read and follow the label of each tank mix product used for precautionary statements, directions for use, weeds controlled and geographic and other restrictions.

Broadcast rate per treated acre:
Apply 2-4 fluid ounces DICAMBA AG [DICAMBA MAX 4] with:

Product [1]	Active Ingredient	Formulation	Amount of Product Per Acre
2,4-D Amine or Ester	2,4-D	4 lb/gal	8 fluid oz (.25 lb a.i./A) [2]
MCPA Amine or Ester	MCPA	4 lb/gal	8-12 fluid oz (.25-.375 lb a.i./A)
metsulfuron-methyl	metsulfuron-methyl	60% DF	1/20-1/10 oz
Amber®	triasulfuron	75% DF	0.14-0.28 oz
Express®	thifensulfuron + tribenuron-methyl	75% DF	1/12-1/6 oz
chlorsulfuron + metsulfuron-methyl	chlorsulfuron + metsulfuron-methyl	75% DF	1/6-1/3 oz
chlorsulfuron ®	chlorsulfuron	75% DF	1/6 oz
Harmony® Extra	thifensulfuron + tribenuron-methyl	75% DF	1/6-1/3 oz
metribuzin	metribuzin	75% DF	1-10 oz
bromoxynil	bromoxynil	2 lb/gal	1-1 1/2 pts
Bronate®	bromoxynil + MCPA	4 lb/gal	3/4-1 1/2 pts

[1] Do not use low rates of sulfonylureas (metsulfuron-methyl, Amber ®, Express® , chlorsulfuron + metsulfuron-methyl, Chlorsulfuron, and Harmony® Extra) on more mature weeds and/or on dense vegetative growth.
[2] When using formulations other than 4 lb/gal use pounds active/acre listed.

SPRING SEEDED BARLEY

DICAMBA AG [DICAMBA MAX 4[MUST BE APPLIED BEFORE SPRING SEEDED BARLEY EXCEEDS THE 4 LEAF STAGE.

TANK MIX TREATMENTS

DICAMBA AG [DICAMBA MAX 4] may be mixed with one or more of the following herbicides. Read and follow the label of each tank mix product used for precautionary statements, directions for use, weeds controlled and geographic and other restrictions.

Broadcast rate per treated acre:
Apply 2-4 fluid ounces DICAMBA AG [DICAMBA MAX 4] with:

Product [1]	Active Ingredient	Formulation	Amount of Product Per Acre
MCPA Amine or Ester	MCPA	4 lb/gal	8-12 fluid oz (.25-.375 lb a.i./A) [2]
metsulfuron-methyl	metsulfuron-methyl	60% DF	1/20-1/10 oz
Amber®	triasulfuron	75% DF	0.14-0.28 oz
Express®	thifensulfuron + tribenuron-methyl	75% DF	1/12-1/6 oz
chlorsulfuron + metsulfuron-methyl	chlorsulfuron + metsulfuron-methyl	75% DF	1/6-1/3 oz
chlorsulfuron	chlorsulfuron	75% DF	1/6 oz
Harmony® Extra	thifensulfuron + tribenuron-methyl	75% DF	1/6-1/3 oz
metribuzin	metribuzin	75% DF	1-10 oz
bromoxynil	bromoxynil	2 lb/gal	1-1 1/2 pts
Bronate®	bromoxynil + MCPA	4 lb/gal	3/4-1 1/2 pts

[1] Do not use low rates of sulfonylureas (metsulfuron-methyl, Amber ®, Express , Finesse® , Chlorsulfuron ®, and Harmony® Extra) on more mature weeds and/or on dense vegetative growth.
[2] When using formulations other than 4 lb/gal use pounds active/acre listed.

FALL AND SPRING SEEDED OATS

DICAMBA AG [DICAMBA MAX 4] MUST BE APPLIED BEFORE SPRING SEEDED OATS EXCEED THE 5 LEAF STAGE. APPLICATIONS TO FALL SEEDED OATS MUST BE MADE PRIOR TO THE JOINTING STAGE.

TANK MIX TREATMENTS

DICAMBA AG [DICAMBA MAX 4] may be tank mixed with one or more of the following herbicides. Read and follow the label of each tank mix product used for precautionary statements, directions for use, weeds controlled, geographic and other restrictions.

Broadcast rate per treated acre:
Apply 2-4 fluid ounces DICAMBA AG [DICAMBA MAX 4] with:

Product	Active Ingredient	Formulation	Amount of Product Per Acre
MCPA Amine or Ester	MCPA	4 lb/gal	8-12 fluid oz (.25-.375 lb a.i./A) [1]

[1] When using formulations other than 4 lb/gal use pounds active/acre listed.

FALL AND SPRING SEEDED TRITICALE
EXCEPT CALIFORNIA

EARLY SEASON APPLICATIONS
Apply 2-4 fluid ounces of DICAMBA AG [DICAMBA MAX 4] to triticale.
Early season applications to fall-seeded triticale must be made prior to jointing stage.
Early season applications to spring-seeded triticale must be made before triticale reaches the 6-leaf stage.

TANK MIXES
For best performance, should be used in tank mix combination with bromoxynil.

SUGARCANE
Observe all precautions. Reed and follow mixing and application instructions.

Consult your local or state authorities for possible application restrictions, especially concerning aerial applications and advice concerning special local use situations.

WEEDS CONTROLLED
DICAMBA AG [DICAMBA MAX 4], when applied at specified rates, will control many ANNUAL, BIENNIAL and PERENNIAL broadleaf weeds commonly found in sugarcane. (Refer to GENERAL WEED LIST).

RATES AND TIMINGS
Application of DICAMBA AG [DICAMBA MAX 4] may be made any time after weeds have emerged and are actively growing but before the close-in stage of sugarcane. Application rates and timing of DICAMBA AG [DICAMBA MAX 4] are given below. Use the higher level of listed rate ranges when treating dense vegetative growth.

NOTE: Retreatments may be made as needed; however, do not exceed a total of 2 pints (1 lb. a.i.) of DICAMBA AG [DICAMBA MAX 4] per treatment with a maximum of 2 treatments per year.

Weed Stage & Type	Broadcast Rate Per Treated Acre		Pre-harvest Interval (PHI)
	Amount of Formulated DICAMBA 4 DMA (pints)	Equivalent Lbs. a.i.	
Annual - Small, actively growing - Established weed growth	1/2-1 1-1 1/2	1/4-1/2 1/2-3/4	87 days
Biennial	1-2	1/2-1	
Perennial	2-4 [1]	1-2 [2]	

[1] For application rates above 2 pints (1 lb. a.i.) DICAMBA AG [DICAMBA MAX 4] per treated acre, apply a maximum of 2 pints (1.0 lb. a.i.) of DICAMBA AG [DICAMBA MAX 4] per treated acre per application with a maximum of 2 applications per year.
[2] Application made over the top of actively growing sugarcane may result in crop injury.

When possible, direct the spray beneath the sugarcane canopy in order to minimize the likelihood of crop injury. The use of directed sprays will also aid in maximizing spray coverage of weed foliage.

TANK MIX TREATMENTS

DICAMBA AG [DICAMBA MAX 4] may be tank mixed with one or more of the following herbicides for control of grasses or additional broadleaf weeds. Read and follow the label of each tank mix product used for precautionary statements, directions for use, rates and timings, weeds controlled, geographic and other restrictions.

Herbicide	Rate Per Treated Acre (lbs. a.i.)
ametryn	2/5-8
asulam	2-3 1/3
atrazine	2/5-4
2,4-D	1 /2-3*

*Application of DICAMBA AG [DICAMBA MAX 4] plus 2,4-D tank mix at the higher listed rate ranges may result in crop injury.

PASTURE, HAY, RANGELAND, AND GENERAL FARMSTEAD (Non-Cropland)

DICAMBA AG [DICAMBA MAX 4] is recommended for use for pasture, hay, rangeland, general farmstead (non-cropland) (including fence rows and non-irrigation ditchbanks) for broadleaf weed and brush control. DICAMBA AG [DICAMBA MAX 4] may also be applied to non-cropland areas for the control of broadleaf weeds in Noxious Weed Control Programs, Districts or Areas including broadcast or spot treatment of roadsides and highways, utilities, railroad and pipeline rights-of-way. Noxious weeds must be recognized at the state level but programs may be administered at state, county or other level.

Observe all precautions. Read and follow mixing and application instructions.

DICAMBA AG [DICAMBA MAX 4] uses described in this section also pertain to small grains (such as barley, forage sorghum, oats, rye, sudangrass or wheat) grown for pasture use only.

NEWLY SEEDED AREAS, including small grains grown for pasture may be severely injured if rates of DICAMBA AG [DICAMBA MAX 4] greater than 1 pint/A are applied.

ESTABLISHED GRASS CROPS growing under stress can exhibit various injury symptoms that may be more pronounced if herbicides are applied.

Bentgrass, carpetgrass, buffalograss and St. Augustine grass may be injured at rates exceeding 1 pint DICAMBA AG [DICAMBA MAX 4] (1/2 lb a.i.) per treated acre. Usually colonial bentgrasses are more tolerant than creeping types. Velvetgrasses are most easily injured. Treatments will kill or injure alfalfa, clovers, lespedeza, wild winter peas, vetch and other legumes.

ANIMALS CANNOT BE REMOVED FROM TREATED AREA FOR SLAUGHTER PRIOR TO 30 DAYS AFTER LAST APPLICATION.

THERE IS NO WAITING PERIOD BETWEEN TREATMENT AND GRAZING FOR NON-LACTATING ANIMALS.

TIMING RESTRICTIONS FOR LACTATING DAIRY ANIMALS FOLLOWING TREATMENT:

DICAMBA AG [DICAMBA MAX 4] Rate Per Treated Acre	Days Before Grazing	Days Before Hay Harvest
Up to 1 pint (1/2 lb. a.i.)	7 days	37 days
Up to 2 pints (1 lb. a.i.)	21 days	51 days
Up to 4 pints (2 lbs. a.i.)*	40 days	70 days

* The maximum rate per treated acre per year of DICAMBA AG [DICAMBA MAX 4] is 4 pints (2 lbs. a.i.). For application rates above 2 pints (1 lb. a.i.) DICAMBA AG [DICAMBA MAX 4] per treated acre, apply a maximum of 2 pints (1.0 lb. a.i.) of DICAMBA AG [DICAMBA MAX 4] per treated acre per application with a maximum of 2 applications per year.

NOTE: Observe all precautions and restrictions on labels of products used in tank mixtures.

MIXING AND APPLICATION

DICAMBA AG [DICAMBA MAX 4] can be applied using water, oil in water emulsions including invert systems, or sprayable fluid fertilizer as a carrier. A COMPATIBILITY TEST (see COMPATIBILITY TEST section) should be made prior to tank mixing.

To prepare oil in water emulsions, half-fill spray tank with water, then add appropriate amount of emulsifier. With continuous agitation, slowly add the herbicide and then the oil (such as diesel oil or fuel oil) or a premix of oil plus additional emulsifier to spray tank. Complete filling of spray tank with water. Maintain vigorous agitation during spray operation to prevent oil and water from forming separate layers.

DICAMBA AG [DICAMBA MAX 4] may be applied broadcast using either ground or aerial application equipment. When using ground equipment, apply 3 to 600 gallons of diluted spray per treated acre. Volume of spray applied will depend on the height, density, and type of weeds or brush being treated and on the type of equipment being used. When using aerial equipment apply 2 to 40 gallons of diluted spray per treated acre in a water-based carrier.

DICAMBA AG [DICAMBA MAX 4] may be applied to individual clumps or small areas (SPOT TREATMENT) of undesirable vegetation using handgun or similar types of application equipment. Apply diluted sprays to allow complete wetting (up to run off) of foliage and stems.

Herbicide adjuvants or other spray additives (emulsifiers, surfactants, wetting agents, drift control agents, or penetrants) may be used for wetting, penetration, or drift control. Spray additives must be agriculturally approved when used in pasture applications. If spray additives are used, read and follow all use recommendations and precautions on product label.

WEEDS CONTROLLED

DICAMBA AG [DICAMBA MAX 4], when applied at specified rates, will give control many ANNUAL, BIENNIAL, and PERENNIAL broadleaf weeds, and many WOODY brush and vine species commonly found in pasture, hay, rangeland, and general farmstead (non-cropland) areas. (Refer to GENERAL WEED LIST). Noted (*)PERENNIAL weeds may be controlled with lower rates of either DICAMBA AG [DICAMBA MAX 4] or DICAMBA AG [DICAMBA MAX 4] plus 2,4-D. See the following RATES AND TIMINGS section.

RATES AND TIMINGS

Application rates and timing of DICAMBA AG [DICAMBA MAX 4] are given below. Use the higher level of listed rate ranges when treating dense or tall vegetative growth.

NOTE: Retreatments may be made as needed; however, do not exceed a total of 2 pints (1 lb. a.i.) of DICAMBA AG [DICAMBA MAX 4] per acre per treatment with a maximum of 2 treatments per year.

Weed Stage & Type	Broadcast Rate Per Treated Acre	
	Amount of Formulated DICAMBA AG [DICAMBA MAX 4]	Equivalent Lbs. a.i.
Annual		
Small, actively growing	1/2-1	1/4-1/2
Established weed growth	1-1 1/2	1/2-3/4
Biennial[1]		
Rosette diameter		
Less than 3 inches	1/2-1	1/4-1/2
3 inches or more	2-4[3]	1/2-1
Bolting	4[3]	1-1 1/2
Perennial		
Suppression or top growth control	1-2	1/2-1
Noted (*) Perennials	2-4[3]	1-2
Other Perennials	4[3]	2
Woody Brush & Vines		
Top Growth Suppression	1-2	1/2-1
Top Growth Control[2]	2-4[3]	1-2
Stems and Stem Suppression	4[3]	2

[1] For best performance, make application when BIENNIAL WEEDS are in the rosette stage.

[2] Species noted in GENERAL WEED LIST section will require tank mixtures for adequate control.

[3] For application rates above 2 pints (1 lb. a.i.) DICAMBA AG [DICAMBA MAX 4] per treated acre, apply a maximum of 2 pints (1.0 lb. a.i.) of DICAMBA AG [DICAMBA MAX 4] per treated acre per application with a maximum of 2 applications per year.

TANK MIX TREATMENTS

READ AND FOLLOW THE LABEL OF EACH TANK MIX PRODUCT USED FOR PRECAUTIONARY STATEMENTS, DIRECTIONS FOR USE, APPLICATION RATES AND OTHER RESTRICTIONS.

DICAMBA AG [DICAMBA MAX 4] may be tank mixed with one or more of the following herbicides for control of grasses, additional broadleaf weeds, and woody brush and vines.

Herbicide	Rate Per Treated Acre (lbs. a.i.)
Pasture, hay, rangeland and general farmstead (non-cropland) use:	
glyphosate	3/4 - 3 3/4
metsulfuron methyl	0.0038-0.011
paraquat	1/2 - 1
picloram	1/8 - 3
triclopyr	3/4 - 9
2,4-D	1/4 - 6

Due to the variations that may occur in formulated products and specific use ingredients (e.g. water supplies), a COMPATIBILITY TEST is recommended prior to actual tank mixing.

CUT SURFACE TREE TREATMENTS

DICAMBA AG [DICAMBA MAX 4] may be applied as a cut surface treatment for control of unwanted trees and prevention of sprouts of cut trees. A mix of 1 part DICAMBA AG [DICAMBA MAX 4] with 1 to 3 parts water should be used in application. Use the lower dilution when treating difficult-to-control species.

FRILL OR GIRDLE TREATMENTS: Make a continuous cut or a series of overlapping cuts using an axe to girdle tree trunk. Spray or paint cut surface with the DICAMBA AG [DICAMBA MAX 4]/water mix.

STUMP TREATMENTS: Spray or paint freshly cut surface with the water mix. The area adjacent to the bark should be thoroughly wet.

Note: For more rapid foliar effects, 2,4-D may be added to the DICAMBA AG [DICAMBA MAX 4]/water mix.

DORMANT APPLICATIONS FOR CONTROL OF MULTIFLORA ROSE

DICAMBA AG [DICAMBA MAX 4] can be applied when plants are dormant as an undiluted SPOT-CONCENTRATE directly to the soil or as a LO-OIL BASAL BARK treatment using an oil-water emulsion solution.

SPOT-CONCENTRATE applications of DICAMBA AG [DICAMBA MAX 4] should be applied directly to the soil as close as possible to the root crown but within 6-8 inches of the crown. On sloping terrain, application should be made to the uphill side of the crown. Do not make application when snow or water prevents applying DICAMBA AG [DICAMBA MAX 4] directly to the soil. The use rate of DICAMBA AG [DICAMBA MAX 4] is dependent on the canopy diameter of the multiflora rose. Examples: Use DICAMBA AG [DICAMBA MAX 4] at 1/4, 1 or 2 1/4 fluid ounces of product respectively, for 5, 10 or 15 feet canopy diameters. Do not exceed a total of 2 quarts DICAMBA AG [DICAMBA MAX 4] per acre per year.

LO-OIL BASAL BARK applications of DICAMBA AG [DICAMBA MAX 4] should be applied to the basal stem region from the ground line up to a height of 12 to 18 inches. Spray until runoff, with special emphasis on covering the root crown. For best results, make application when plants are dormant. Do not make application after bud break or when plants are showing signs of active growth. Do not make application when snow or water prevents applying DICAMBA AG [DICAMBA MAX 4] to the ground line. Refer to Mixing and Applications above in this section for method of preparing oil-in-water emulsion. Example for making approximately 2 gallons of a LO-OIL spray solution mixture: combine 1 1/2 gallons water plus 1 ounce emulsifier plus 1 pint DICAMBA AG [DICAMBA MAX 4] plus 2 1/2 pints of No. 2 diesel fuel. Adjust amounts of materials used proportionately to the amount of final spray solution desired. Do not exceed 8 gallons of spray solution mix applied per acre per year.

CONSERVATION RESERVE PROGRAM (CRP) ACRES

DICAMBA AG [DICAMBA MAX 4] can be used on both newly seeded and established grasses grown in Conservation Reserve or Federal Set-Aside Programs. For program lands, such as Conservation Reserve Program, consult program rules to determine whether grass or hay may be used. The more restrictive requirements of the program rules or this label must be followed.

Observe all precautions, mixing and application directions.

DICAMBA AG [DICAMBA MAX 4] treatment will injure or may kill alfalfa, clovers, lespedeza, wild winter peas, vetch, and other legumes.

Agriculturally approved surfactants may be added to the spray mixture to improve postemergence weed control, particularly in dry growing conditions.

Do not use adjuvants containing penetrants such as petroleum based oils after grass emergence on newly seeded grasses.

NEWLY SEEDED AREAS
DICAMBA AG [DICAMBA MAX 4] may be applied either preplant or postemergence to newly seeded grasses or small grains such as barley, oats, rye, sudangrass, wheat, or other grain species grown as a cover crop. Postemergence applications may be made after seedling grasses exceed the 3-leaf stage. Rates of DICAMBA AG [DICAMBA MAX 4] greater than 1 pint per treated acre may severely injure newly seeded grasses. Preplant applications - injury to new seedings may occur if intervals between application and grass planting is less than 45 days per pint of DICAMBA AG [DICAMBA MAX 4] per treated acre West of the Mississippi River or 20 days per pint East of the Mississippi River.

ESTABLISHED GRASS STANDS
Established grass stands are perennial grasses planted one or more seasons prior to treatment. Certain species: bentgrass, carpetgrass, smooth brome, buffalograss or St. Augustine grass may be injured when treated with DICAMBA AG [DICAMBA MAX 4] at rates exceeding 1 pint per treated acre.

WEEDS CONTROLLED
DICAMBA AG [DICAMBA MAX 4], when applied at specified rates, will control many annual and biennial weeds and provide control or suppression of many perennial weeds. (Refer to GENERAL WEED LIST).

RATES AND TIMINGS
Application rates and timing of DICAMBA AG [DICAMBA MAX 4] treatment are given below. Use the higher rate of the rate range when vegetation is either dense or tall, or when weeds are growing under stressed conditions such as drought or cool temperature.

NOTE: Retreatments may be made as needed; however, do not exceed a total of 4 pints (2 lbs. a.i.) of DICAMBA AG [DICAMBA MAX 4] per treated acre during a growing season applied at a rate of 2 pints (1 lb. a.i.) DICAMBA AG [DICAMBA MAX 4] per treatment.

Weed Stage & Type	Broadcast Rate Per Treated Acre	
	Amount of Formulated DICAMBA AG [DICAMBA MAX 4] (pints)	Equivalent lbs. a.i.
Annual		
Small, actively growing	1/4-1	1/8-1/2
Established weed growth	1	1/2
Biennial [1, 2]		
Rosette diameter		
Less than 3 inches	1/2-1	1/4-1/2
3 inches or greater	1-2	1/2-1
Bolting biennial	2-3 [3]	1-1 1/2
Perennial [2]		
Suppression/Control	2-4 [3]	1-2

[1] For best results, treat Biennial weeds with DICAMBA AG [DICAMBA MAX 4] when they are in the rosette stage of growth.

[2] Biennial and Perennial weeds will require follow-up (sequential) treatments for seedling control and escapes.

[3] For application rates above 2 pints (1 lb. a.i.) DICAMBA AG [DICAMBA MAX 4] per treated acre, apply a maximum of 2 pints (1.0 lb. a.i.) of DICAMBA AG [DICAMBA MAX 4] per treated acre per application with a maximum of 2 applications per year.

TANK MIX TREATMENTS
To control grasses and additional broadleaf weeds, DICAMBA AG [DICAMBA MAX 4] may be tank mixed with other herbicides registered for use in Conservation Reserve Programs such as 2,4-D, glyphosate, paraquat, metsulfuron, and others.

READ AND FOLLOW THE LABEL OF EACH TANK MIX PRODUCT USED FOR PRECAUTIONARY STATEMENTS, DIRECTIONS FOR USE, APPLICATION RATES, AND OTHER RESTRICTIONS.

ASPARAGUS
FOR USE ONLY IN THE STATES OF CALIFORNIA, OREGON, AND WASHINGTON

Observe all precautions. Read and follow mixing and application instructions.

NOTE:

- If spray contacts emerged spears, crooking (twisting) of some spears may result. If such crooking occurs, discard affected spears.
- Do not harvest prior to 24 hours after treatment.
- Do not use in the Coachella Valley of California.
- Multiple applications may be made per growing season; however, DO NOT EXCEED a total of 1 pint (1/2 lb. a.i.) of DICAMBA AG [DICAMBA MAX 4] per treated acre per crop year.

RATES AND TIMINGS

Apply DICAMBA AG [DICAMBA MAX 4] to emerged and actively growing weeds in 40 to 60 gallons of diluted spray per treated acre immediately after cutting the field, but at least 24 hours before the next cutting.

DICAMBA AG [DICAMBA MAX 4] may be applied in a tank mixture with either 2,4-D or glyphosate herbicide for improved control of noted (*) weeds. READ AND FOLLOW 2,4-D OR GLYPHOSATE PRODUCT LABELING FOR PRECAUTIONARY STATEMENTS, DIRECTIONS FOR USE, APPLICATION RATES AND TIMINGS, AND OTHER RESTRICTIONS.

Weeds	Rate Per Treated Acre
Mustard, Black Pigweed, Redroot (Carelessweed) Sowthistle, Annual *Thistle, Canada Thistle, Russian	1/2-1 pt. (1/4-1/2 lb. a.i.)
*Bindweed, Field Chickweed, Common Goosefoot, Nettleleaf Radish, Wild Thistle, Milk	1 pt. (1/2 lb. a.i.)

TURF AND LAWNS
FOR USE IN GENERAL FARMSTEAD (NON-CROPLAND) AND SOD FARMS

IMPORTANT

Observe all precautions. Read and follow mixing and application instructions.

To avoid injury to newly seeded grasses, application of DICAMBA AG [DICAMBA MAX 4] should be delayed until after the second mowing. Further-more, application rates in excess of 1 pint (1/2 lb. a.i.) per treated acre may cause noticeable stunting or discoloration of sensitive grass species such as bentgrass, carpetgrass, buffalograss, and St. Augustine grass.

In areas where roots of sensitive plants extend, do not apply in excess of 1/4 pint (1/8 lb. a.i.) of DICAMBA AG [DICAMBA MAX 4] per treated acre on coarse textured (sandy-type) soils, or in excess of 1/2 pint (1/4 lb. a.i.) per treated acre on fine textured (clayey-type) soils. Do not make repeat applications in these areas for 30 days and until previous applications of DICAMBA AG [DICAMBA MAX 4] have been activated in the soil by rain or irrigation.

WEEDS CONTROLLED

DICAMBA AG [DICAMBA MAX 4], when applied at specified rates, will give control of many ANNUAL, BIENNIAL, and noted (*) PERENNIAL broadleaf weeds commonly found in turf. DICAMBA AG [DICAMBA MAX 4] will also give growth suppression of many other listed PERENNIAL broadleaf weeds and WOODY brush and vine species. (Refer to GENERAL WEED LIST).

MIXING AND APPLICATION

Apply 30 to 200 gallons of diluted spray per treated acre (3 qts. to 4 1 /4 gals. per 1,000 sq. ft.), depending on density or height of weeds treated and on the type of equipment used.

RATES AND TIMINGS

Use the higher level of listed rate ranges when treating dense vegetative growth. For best performance, apply when weeds are emerged and actively growing.

NOTE: Retreatments may be made as needed; however, do not exceed a total of 2 pints (1 lb. a.i.) DICAMBA AG [DICAMBA MAX 4] per treated acre with a maximum of 2 treatments per year.

Weed Stage & Type	DICAMBA AG [DICAMBA MAX 4] Herbicide		
	Pints per treated acre	Lbs. a.i. per treated acre	Teaspoons per 1,000 sq. ft.
Annual			
Small, actively growing	1/4-1	1/4-1/2	1-2 1/4
Established weed growth	1-1 1/2	1/2-3/4	2 1/4-3 1/4
Biennial Rosette diameter			
Less than 3 inches	1/2-1	1/4-1/2	1-2 1/4
3 inches or more	1-2	1/2-1	2 1/4-4 1/2
Perennial and Woody			
Brush and Vines	1-2	1/2-1	2 1/4-4 1/2

TANK MIX TREATMENTS
READ AND FOLLOW THE LABEL OF EACH TANK MIX PRODUCT USED FOR PRECAUTIONARY STATEMENTS, DIRECTIONS FOR USE, APPLICATION RATES AND TIMINGS AND OTHER RESTRICTIONS.

Tank mix treatments of DICAMBA AG [DICAMBA MAX 4] may be made with 2,4-D, MCPA, MCPP, or bromoxynil for control of additional weeds listed on the tank mix product label.

Apply 1/5 to 1/2 pint (1/10 to 1/4 lb. a.i.) of DICAMBA AG [DICAMBA MAX 4] per treated acre with 1/2 to 1 1/2 lbs. acid equivalent of 2,4-D, MCPA, or MCPP, or with 3/8 to 1/2 lb. a.i. of bromoxynil. Use the higher level of the listed rate ranges when treating established weeds. Repeat treatments may be made as needed; however, do not exceed 2 pints (1 lb. a.i.) of DICAMBA AG [DICAMBA MAX 4] per treated acre during the growing season.

GRASS SEED CROPS

GRASSES GROWN FOR SEED SUCH AS BERMUDA GRASS, BLUEGRASS, FESCUE AND RYEGRASS

IMPORTANT
Observe all precautions. Read and follow mixing and application instructions.

Refer to the PASTURE, HAY, RANGELAND, AND GENERAL FARMSTEAD (NONCROPLAND AREAS) section for possible grazing and feeding restrictions.

Do not use on bentgrass unless possible crop injury can be tolerated

WEEDS CONTROLLED
DICAMBA AG [DICAMBA MAX 4] will provide control or suppression of annual broadleaf weeds listed below. For improved control of listed weeds plus additional weeds, it is recommended that DICAMBA AG [DICAMBA MAX 4] be applied in a tank mix with other herbicides.

Alfalfa [1]	Clover	Ladysthumb
Bedstraw, Catchweed	Cockle, White	Lambsquarters, Common
Bindweed, Field	Dock, Broadleaf	Lettuce, Prickly
Buttercup, Corn	Dock, Curly	Mayweed (Dogfennel)
Buttercup, Creeping	Hemlock, Poison	Ragwort, Tansy
Buttercup, Western Field	Knapweed, Russian [1]	Sorrel, Red (Sheep Sorrel)
Catchfly, Nightflowering	Knawel	Sowthistle, Annual
Chamomile, Corn	Kochia	Starwort, Little
Chickweed, Common	Knotweed, Prostrate	Thistle, Canada [1]
Chickweed, Mouseear		

[1] Top growth control only

RATES AND TIMINGS
Apply 1/2 to 1 pint of DICAMBA AG [DICAMBA MAX 4] per treated acre on SEEDLING GRASS after the crop reaches the 3-5 leaf stage. Apply up to 2 pints of DICAMBA AG [DICAMBA MAX 4] on well-established Perennial grass. DO NOT APPLY AFTER THE GRASS SEED CROP BEGINS TO JOINT. For best performance, make applications when weeds are in the 2-4 leaf stage and rosettes are less than 2 inches across. Use the higher level of listed rate ranges when treating more mature weeds or dense vegetative growth

TANK MIX TREATMENTS
For control of grasses or additional broadleaf weeds, DICAMBA AG [DICAMBA MAX 4] may be tank mixed with all broadleaf herbicides registered for use in Grass Seed Production. Read and follow the label of each tank mix product used for precautionary statements, directions for use, weeds controlled and geographic and other restrictions.

Broadcast Rate Per Treated Acre:
Apply 1/2 to 2 pints DICAMBA AG [DICAMBA MAX 4] with:

Product	Active Ingredient	Formulation	Amount of Product Per Acre
2,4-D Amine or Ester	2,4-D	4 lb/gal	1-4 pts. (.5-2.0 lb a.i./A) [1]
MCPA Amine	MCPA	4 lb/gal	1-2 pts (.5-1.0 lb a.i./A [1]
bromoxynil	bromoxynil	2 lb/gal	1-2 pts
Curtail®	clopyralid + 2,4-D	2.38 lb/gal	1 3/44 pts
diuron	diuron	80% DF	2-4 lbs
clopyralid	clopyralid	3lb/gal	1/4-1 pt

[1] When using formulations other than 4 lb/gal use pounds active/acre listed.

ANNUAL GRASS CONTROL

For suppression of ANNUAL GRASS WEEDS such as:
Brome, Downy (Cheatgrass)
Brome, Ripgut
Fescue, Rattail
Windgrass

Apply up to 2 pints (1lb. a.i.) of DICAMBA AG [DICAMBA MAX 4] per treated acre in the fall or late summer after harvest and burning of established grass seed crops (maximum of 2 treatments per year). Applications should be made immediately following first irrigation when the soil is moist and before weeds have more than 2 leaves.

PREPLANT DIRECTIONS (POST HARVEST/FALLOW/CROP STUBBLE/SET-A-SIDE)
FOR BROADLEAF WEED CONTROL BEFORE WHEAT, CORN, SORGHUM, SOYBEANS

IMPORTANT
Observe all precautions. Read and follow mixing and application instructions.

WEEDS CONTROLLED
DICAMBA AG [DICAMBA MAX 4] may be applied alone or in tank mix combinations with other herbicides registered for this use.

DICAMBA AG [DICAMBA MAX 4] can be applied either **POST HARVEST** in the fall, spring or summer during the FALLOW period or to **CROP STUBBLE/ SET-A-SIDE** acres. DICAMBA AG [DICAMBA MAX 4], when applied at the specified rates, will control many ANNUAL broadleaf weeds; see the WEEDS CONTROLLED section under small grains. In addition, DICAMBA AG [DICAMBA MAX 4] will control or suppress the following BIENNIAL and **PERENNIAL** broadleaf weeds:

Alfalfa [1]	Dock, Curly [1]	Sowthistle, perennial [1]
Artichoke, Jerusalem	Dogbane, Hemp	Spurge, leafy
Bindweed, Field	Garlic, Wild [2]	Thistle Bull
Bindweed, Hedge	Horsenettle, Carolina	Thistle, Canada [2]
Blueweed, Texas	Knapweed, Diffuse	Thistle, Milk
Bursage	Knapweed, Spotted	Thistle, Musk
(Bur Ragweed)	Nightshade, Silverleaf	Thistle, Plumeless
(Povertyweed)	Redvine	Thistle, Scotch
(Lakeweed) [1]	Smartweed, Swamp	Trumpetcreeper (Buckvine)
Dandelion, Common [1]		

[1] Perennials may be controlled using DICAMBA AG [DICAMBA MAX 4] at rates lower than those recommended for other listed perennial weeds. (See RATES AND TIMINGS under this heading.)

[2] See the SPECIAL TANK MIX TREATMENTS section under this heading for specific control programs for these weeds.

RATES AND TIMINGS
Apply DICAMBA AG [DICAMBA MAX 4] as a broadcast or spot treatment to emerged and actively growing weeds after crop harvest (post harvest) and before a killing frost or in the fallow cropland or crop stubble the following spring or summer. Agriculturally approved spray additives, such as surfactants or oils, may be used to enhance spray coverage and the herbicide's penetration of weed foliage. See Cropping restrictions for recommended interval between application and planting to prevent crop injury.

For best performance, make application when ANNUAL weeds are less than 6 inches tall, when BIENNIAL weeds are in the rosette stage and to PERENNIAL weed regrowth in late summer or fall following a mowing or tillage treatment. Most effective control of upright perennial broadleaf weeds, such as Canada thistle and Jerusalem artichoke, occurs if application is made when the majority of weeds, such as field bindweed and hedge bindweed, are best controlled when weeds are in or beyond the full bloom stage.

Avoid disturbing treated areas following application. Treatments may not kill weeds which develop from seed or underground plant parts, such as rhizomes or bulblets, after the effective period for DICAMBA AG [DICAMBA MAX 4]. For seedling control, a follow-up program or other cultural practices could be instituted. For small grain in-crop uses of DICAMBA AG [DICAMBA MAX 4], see the RATE AND TIMINGS section under the SMALL GRAINS heading for details.

DICAMBA AG [DICAMBA MAX 4] RATES PER TREATED ACRE

NOTE: Retreatments may be made as needed; however, do not exceed a total of 2 pints (1 lb. a.i.) per treatment of DICAMBA AG [DICAMBA MAX 4] with a maximum of 2 treatments per year.

WEED TYPE	AMOUNT OF PRODUCT PER ACRE*
Annual	1/2-1 pt (8-16 fl. oz.)
Biennial	1-2 pts (16-32 fl. oz.)
Perennial	1-4* pts (16-64 fl. oz.)
Perennial suppression	1-2 pts (16-32 fl. oz.)
Noted (1) perennials	2-4* pts (32-64 fl. oz.)
Other perennials	4* pts (4 fl. oz.)

* For application rates above 2 pints (1 lb. a.i.) DICAMBA AG [DICAMBA MAX 4] per treated acre, apply a maximum of 2 pints (1.0 lb. a.i.) of DICAMBA AG [DICAMBA MAX 4] per treated acre per application with a maximum of 2 applications per year.

TANK MIX TREATMENTS

DICAMBA AG [DICAMBA MAX 4] may be tank mixed with one or more of the following herbicides for control of grasses or additional broadleaf weeds. Read and follow the label of each tank mix product used for precautionary statements, directions for use, rates and timings, weeds controlled, geographic and other restrictions

DICAMBA AG [DICAMBA MAX 4] BROADCAST RATE PER TREATED ACRE FOR ANNUAL WEED CONTROL:

Apply 1/4 to 1 pint DICAMBA AG [DICAMBA MAX 4] with:

Product	Active Ingredient	Formulation	Amount of Product Per Acre
Atrazine [1]	atrazine	4 lb/gal	1 /2-6 pts
		90% DF	1/2-3.3 lbs
metsulfuron-methyl [2]	metsulfuron-methyl	75% DF	0.1 oz
Amber® [2]	triasulfuron	75% DF	0.28-0.35oz
paraquat	paraquat	2 lb/gal	1-2 pts
		2.5 lb/gal	1.5 pts
chlorsulfuron + metsulfuron-methyl [2]	chlorsulfuron + metsulfuron-methyl	75% DF	0.2 oz
pronamide [1]	pronamide	50-W	1/2-1.0 lb
Fallow Master®	glyphosate + dicamba	1.6 lb/gal	22-44 fluid oz
Landmaster® BW	glyphosate + 2,4-D	2,4 lb/gal	27-54 fluid oz
glyphosate	glyphosate	3 lb/gal	8-48 fluid oz
metribuzin [1]	metribuzin	75% DF	1/2-1 lb
		4 lb/gal	3/4-1 1/2 pts
2,4-D	2,4-D	4 lb/gal	1-2 pts (0.5-1 lb a.i./A) [3]

[1] Tank mixes of DICAMBA AG [DICAMBA MAX 4] with these products may be subject to special restrictions. See the Product Label of the tank mix partner for intended use rates, restrictions and other precautions.

[2] When tank mixing with sulfonylurea herbicides, refer to the product label for rates and restrictions. Use a surfactant of at least 80% active ingredient at the rate of 1-2 quarts/100 gallons of spray or not more than 0.25-0.5% by volume. Use the highest rate of surfactant when using the lower rate ranges of the tank mix and/or when treating more mature weeds or dense vegetative growth. Sulfonylurea resistant weeds may not be controlled by tank mixes of DICAMBA AG [DICAMBA MAX 4] and a sulfonylurea. Refer to the DICAMBA AG [DICAMBA MAX 4] tank mix section for alternative tank mixes.

[3] When using formulations other than 4 lb/gal use pounds active/acre listed.

DICAMBA AG [DICAMBA MAX 4] BROADCAST RATE PER TREATED ACRE FOR BIENNIAL AND PERENNIAL WEED CONTROL: Apply 1 to 2 pints (0.5-1.0 lb. a.i.) of DICAMBA AG [DICAMBA MAX 4] with:

Product	Active Ingredient	Formulation	Amount of Product Per Acre
Curtail®	clopyralid + 2,4-D	2.38 lb/gal	2-4 pts
2,4-D	2,4-D	4 lb/gal	2-6 pts (1.0-3 lb a.i./A) [1]
Landmaster® BW	glyphosate +2,4-D	2.4 lb/gal	54 fluid oz
glyphosate	glyphosate	3.0 lb/gal	1-5 qts
picloram	picloram	2 lb/gal	1/2-1 pt

[1] When using formulation other than 4 lb/gal use pounds active/acre listed.

SPECIAL TANK MIX TREATMENTS

For suppression of perennial weeds, apply 1/2-1 pint of DICAMBA AG [DICAMBA MAX 4] with 8-16 fluid ounces of glyphosate herbicide per treated acre.

For wild garlic control, apply 1 pint DICAMBA AG [DICAMBA MAX 4] with 3 pints of 2,4-D LV Ester (4 lb/gal) per treated acre. Apply when wild garlic is 4 to 8 inches tall.

For Canada thistle control, use DICAMBA AG [DICAMBA MAX 4], or DICAMBA AG [DICAMBA MAX 4] plus Curtail® or DICAMBA AG [DICAMBA MAX 4] plus glyphosate herbicide or glyphosate tank mix treatments.

Application may be made during fallow periods for control of volunteer barley, bulbous bluegrass, downy brome, jointed goatgrass, common rye and volunteer wheat when they are actively growing. Use 1 pint DICAMBA AG [DICAMBA MAX 4] with 1/2-1 lb pronamide 50W. Fall seeded wheat may be planted 9 months or more after application. For best performance, make application between mid-October and mid-December, prior to soil freeze up.

During fallow periods, apply DICAMBA AG [DICAMBA MAX 4] plus Landmaster® BW or Fallow Master® herbicide to give improved control of kochia, wild buckwheat, prickly lettuce, field bindweed and Canada thistle. Use 1/8-1/4 pint of DICAMBA AG [DICAMBA MAX 4] plus 22 to 54 fluid ounces of Landmaster® BW or Fallow Master® herbicide for annual weed control or 1 /4 to 1 /2 pint DICAMBA AG [DICAMBA MAX 4] plus 22 to 54 fluid ounces of Landmaster® BW or Fallow Master® herbicide for perennial weed suppression.

CROPPING RESTRICTIONS

The following recommendations are based on DICAMBA AG [DICAMBA MAX 4] use rates up to 4 pints (2 lbs. a.i.) per treated acre applied in 2 applications per year at a maximum rate of 2 pints (1.0 lb. a.i.) per application.

CORN, SORGHUM and SOYBEANS may be planted in the spring following applications made during the previous year. If less than 1 inch of rainfall occurs between application and first killing frost, treated areas should be cultivated to allow herbicide to come in contact with moist soil. Cultivation may take place before or immediately after ground thaw.

Soybean injury may occur if the interval between application and planting is less than specified. In areas with greater than 30 inches of rainfall, delay planting for 30 days per pint of DICAMBA AG [DICAMBA MAX 4] per treated acre. In areas with less than 30 inches of rainfall, delay planting for 45 days per pint of DICAMBA AG [DICAMBA MAX 4] per treated acre. Exclude days when ground is frozen.

WHEAT may be planted in the fall or spring following applications. Also, spot applications may be made any time prior to crop emergence if crop injury can be tolerated in treated areas. Wheat injury may occur if the interval between application and planting is less than specified.

East of the Mississippi River, the interval is 20 days per pint of DICAMBA AG [DICAMBA MAX 4] per treated acre or 1.25 days per 1 ounce. Moisture is essential for DICAMBA AG [DICAMBA MAX 4] degradation. Exclude days when ground is frozen.

West of the Mississippi River, the interval is 45 days per pint of DICAMBA AG [DICAMBA MAX 4] per treated acre or 3 days per ounce. Moisture is essential for DICAMBA AG [DICAMBA MAX 4] degradation. Exclude days when ground is frozen.

Following a normal harvest of barley, oats, or wheat, any rotation crop may be planted. If the interval before harvest is shortened, such as when cover crops will be plowed under, do not follow up with the planting of a sensitive crop.

CONTROL OF PERENNIAL BROADLEAF WEEDS IN CROPLAND (SPOT APPLICATION ONLY)

FOR USE ONLY IN THE STATES OF IDAHO, MONTANA, NEVADA, OREGON, UTAH AND WASHINGTON.

DICAMBA AG [DICAMBA MAX 4] may be applied as a **Spot Application** to an area no greater than 1,000 sq. ft. per acre.

IMPORTANT
Observe all precautions. Read and follow mixing and application instructions.
Do not treat subirrigated cropland or areas where the soil remains saturated with water throughout the year.

Make only one application of DICAMBA AG [DICAMBA MAX 4] per year.

WEEDS CONTROLLED
DICAMBA AG [DICAMBA MAX 4], when applied at specified rates, will control many broadleaf weeds including:

Bindweed, Field
Dock, Broadleaf (Bitterdock)
Dock, Curly
Knapweed, Black
Knapweed, Russian
Ragwort, Tansy
Spurge, Leafy
Thistle, Canada

RATES AND TIMINGS
DICAMBA AG [DICAMBA MAX 4] may be applied at any time following a crop harvest to stubble, fallow or other cropland. Application should be made when weeds are actively growing and prior to a killing frost.

Apply a maximum of 2 pints (1.0 lb. a.i.) of DICAMBA AG [DICAMBA MAX 4] per 1,000 sq. ft. per acre per application. Application may be made up to one month prior to the planting of wheat.

NOTE: Do not use unless injury to wheat or rotated barley will be acceptable.

Barley, oats, corn, sorghum (milo), annual or perennial grass crops may be planted into treated areas one year after application. Crops grown for seed (other than perennial grass seed) should not be planted into treated areas until three years after application. Do not plant broadleaf crops such as alfalfa, beans, peas, potatoes, or sugarbeets into treated areas until two years after application.

In most cases, treatments will not kill perennial weed seedlings, which germinate from seed one or two years after treatment. Once the effect of the chemical has been lost, a follow-up program for seedling control or other cultural practices should be instituted.

WIPER APPLICATION USES

IMPORTANT: Observe all precautions.

DICAMBA AG [DICAMBA MAX 4] may be applied through wiper application equipment to control or suppress actively growing broadleaf weeds, brush and vines. Use a solution containing 1 part DICAMBA AG [DICAMBA MAX 4] to 1 part water. Do not contact desirable vegetation with herbicide solution. Wiper application should only be made to crops (including pastures) and non-cropland areas described in this label with the exception of Grain Sorghum (Milo).

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.
[Optional BULK STORAGE AND DISPOSAL (to be printed on labeling for bulk containers only)
AGITATE BEFORE USE
PROHIBITIONS
Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited. This product may not be mixed, loaded, or used within 50 feet of all wells including abandoned wells, drainage wells and sinkholes.]
PESTICIDE STORAGE
Store in original containers in a well-ventilated area separately from fertilizer, feed and foodstuffs. Avoid cross-contamination with other pesticides. Spillage or leakage should be contained and absorbed with clay granules, sawdust, or equivalent material for disposal. *[Optional Bulk Storage Instructions: Ground water contamination may be reduced by diking and flooring of permanent liquid storage sites with an impermeable material.]*
PESTICIDE DISPOSAL
Triple rinse pesticide from containers and use rinsates in the pesticide application. Wastes which cannot be used according to label instructions may be disposed of on site or at an approved waste disposal facility.
[Optional Bulk Storage Instructions: Pesticide spray mixture or rinsate that cannot be used according to label instructions

must be disposed of according to Federal and local procedures under Subtitle C of the Resource Conservation and Recovery Act.

CONTAINER DISPOSAL Non-refillable containers. Plastic or Metal: Do not reuse or refill this container. Triple rinse or pressure rinse container (or equivalent) promptly after emptying. Offer for recycling, if available, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities, such as burning of plastic containers. If burned, stay out of smoke.

Non-refillable container less than or equal to 5 gallons: Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

Non-refillable container greater than 5 gallons: Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times.

Pressure rinse as follows (all sizes): Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container and rinse at about 40 PSI for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.

Refillable container (250 gallon & bulk): Refill this container with pesticide only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from the container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing process two more times.

CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

NOTICE: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of this product must be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather, presence of other materials, or other influencing factors in the use of the product, which are beyond the control of J. OLIVER PRODUCTS, LLC or Seller. All such risks shall be assumed by the Buyer and User, and Buyer and User agree to hold J. OLIVER PRODUCTS, LLC and Seller harmless for any claims relating to such factors.

J. OLIVER PRODUCTS, LLC warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. This warranty does not extend to the use of this product contrary to label instructions or under abnormal conditions or under conditions not reasonably foreseeable to or beyond the control of Seller or J. OLIVER PRODUCTS, LLC, and Buyer and User assume the risk for such use. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, NO OTHER EXPRESS WARRANTY OR IMPLIED WARRANTY OF FITNESS FOR PARTICULAR PURPOSE OR MERCHANTABILITY IS MADE. This warranty is also subject to the conditions and limitations stated herein.

To the extent consistent with applicable law, neither J. OLIVER PRODUCTS, LLC nor Seller shall be liable for any incidental, consequential or special damages resulting from the use or handling of this product. THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF J. OLIVER PRODUCTS, LLC OR SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, STRICT LIABILITY, TORT OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT, OR, AT THE ELECTION OF J. OLIVER PRODUCTS, LLC OR SELLER, THE REPLACEMENT OF THE PRODUCT.

J. OLIVER PRODUCTS, LLC and Seller offer this product, and Buyer and User accept it, subject to the forgoing Conditions of Sale and Limitation of Warranty and Liability which may not be modified except by written agreement signed by a duly authorized representative of J. OLIVER PRODUCTS, LLC.

REGISTERED TRADEMARKS

Amber, Beacon, and are registered trademarks of Syngenta.
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6822

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Ms. Andrea C. Lester
Product Registration
J. Oliver Products, LLC
3187 Roberson Gin Road
Hernando, MS 38632

JAN 30 2009

SUBJECT: Application for Pesticide Notification (PRN 98-10)
Request Alternate Brand Name "Dicamba Max 4"
EPA Reg. No. 83222-14
Application Dated December 12, 2008

Dear Registrant:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 dated 12/12/08 for the above product. The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action(s) requested fall within the scope of PRN 98-10. The label submitted with the application has been stamped "Notification" and will be placed in our records.

If you have any questions, please call me directly at 703-305-6249 or Owen F. Beeder of my staff at 703-308-8899.

Sincerely,

Linda Arrington
Notifications & Minor Formulations Team Leader
Registration Division (7505P)
Office of Pesticide Programs

Please read instructions on reverse before completing this form. Form Approved. OMB No. 2070-0060. Approval expires 2-28-95

United States Environmental Protection Agency Washington, DC 20460

☐ Registration ☐ Amendment ☑ Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number	2. EPA Product Manager	3. Proposed Classification
83222-14	Tony Kish	☑ None ☐ Restricted
4. Company/Product (Name)	**PM#**	
Dicamba AG	22	

5. Name and Address of Applicant *(Include ZIP Code)*
J. Oliver Products, LLC
3187 Roberson Gin Road
Hernando, MS 3863

☐ *Check if this is a new address*

6. Expedited Review. In accordance with FIFRA Section 3(c)(3)(b)(i), my product is similar or identical in composition and labeling to:
EPA Reg. No. NOTIFICATION
Product Name JAN 30 2009

Section - II

☐ Amendment - Explain below.
☐ Resubmission in response to Agency letter dated _____
☑ Notification - Explain below.
☐ Final printed labels in reponse to Agency letter dated _____
☐ "Me Too" Application.
☐ Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Notification of an alternate brand name per PRN 98-10. This notification is consistent with the provisions of PRN 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PRN 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 FIFRA.

Section - III

1. Material This Product Will Be Packaged In:

Child-Resistant Packaging	Unit Packaging	Water Soluble Packaging	2. Type of Container
☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Metal ☐ Plastic ☐ Glass ☐ Paper ☐ Other (Specify)
* *Certification must be submitted*	If "Yes" Unit Packaging wgt. / No. per container	If "Yes" Package wgt / No. per container	

3. Location of Net Contents Information	4. Size(s) Retail Container	5. Location of Label Directions
☐ Label ☐ Container		☐ On Label ☐ On Labeling accompanying product

6. Manner in Which Label is Affixed to Product ☐ Lithograph ☐ Paper glued ☐ Stenciled ☐ Other _____

Section - IV

1. Contact Point *(Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)*

Name	Title	Telephone No. (Include Area Code)
Andrea Lester	Registration Manager	662/429-7621

Certification

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.

6. Date Application Received (Stamped)

2. Signature	3. Title	
andrea lester	Registration Manager	
4. Typed Name	**5. Date**	
Andrea Lester	12/12/2008	

EPA Form 8570-1 (Rev. 3-94) Previous editions are obsolete. White - EPA File Copy (Original) Yellow - Applicant Copy

J. Oliver Products, LLC
3187 Robertson Gin Rd.
Hernando, MS 38632
(662) 429-7621 Ph. (662) 429-6598 Fax

December 12, 2008

COURIER DELIVERY

Tony Kish (PM 22)
Document Processing Desk (NOTIF)
Office of Pesticide Programs (7504P)
U.S. Environmental Protection Agency
Room S-4900, One Potomac Yard
2777 S. Crystal Drive
Arlington, VA 22202-4501

RE: J Oliver Products, Dicamba Ag (EPA Reg. No. 83222-14)
Alternate Brand Name per PRN 98-10

Dear Mr. Kish,

Enclosed with this letter are the following documents in support of our request to add [Dicamba Max 4] as an alternate brand name to the J Oliver Products, Dicamba AG registration under PR Notice 98-10.

- Completed Application for Registration (EPA Form 8570-1)
- One (1) copy of the J Oliver Products ABC labeling with the name, [Dicamba Max 4] tracked.
- One (1) copy of the J Oliver Products ABC labeling with the name, [Dicamba Max 4] incorporated.

The alternate name is the only change made to the label. No other changes to the label were made.

Please contact me at 662/429-7621 if you have questions and/or comments.

Sincerely,

Andrea C. Lester

Enclosures

DICAMBA MAX 4

FOR WEED CONTROL IN CORN, SORGHUM, SMALL GRAINS, PASTURE, HAY, RANGELAND, GENERAL FARMSTEAD (Non-Cropland), RIGHTS-OF-WAY, PUBLIC UTILITY AND INDUSTRIAL AREAS, FALLOW, SUGARCANE, ASPARAGUS, TURF AND GRASS SEED CROPS.

ACTIVE INGREDIENT:

Dimethylamine salt of dicamba (3,6-dichloro-o-anisic acid)*	49.77%
Inert Ingredients:	50.23%
Total	100.00%

*This product contains 41.35% 3,6 dichloro-o-anisic acid (dicamba) or 4 pounds per gallon (480 g/L)

KEEP OUT OF REACH OF CHILDREN

WARNING/AVISO

(See attached label for additional precautionary statements)

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.
(If you do not understand the label, find someone to explain it to you in detail.)

NOTIFICATION

JAN 30 2009

Net Contents:_____

PRECAUTIONARY STATEMENTS
Hazards to Humans and Domestic Animals

WARNING/AVISO

Causes eye irritation. Do not get in eyes, on skin, or on clothing. Harmful if swallowed. Avoid breathing spray mist. Wash thoroughly after handling.

First Aid Have product container or label with you when calling a poison control center or doctor, or going for treatment.	
If on skin or clothing:	• Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
If in eyes:	• Hold eyelids open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
If Swallowed	• Call poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by the poison control center or doctor. • Do not give anything by mouth to an unconscious person.
If inhaled	• Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. • Call a poison control center or doctor for further treatment advice.
NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.	

Personal Protective Equipment (PPE)
Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Waterproof gloves
- Shoes plus socks
- Protective eyewear

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

Engineering controls statements:
When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

User Safety Recommendations:

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets inside.Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product.Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

For terrestrial uses, do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters.

Apply this product only as directed on label.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

For any requirements specific to your State or tribe, consult the agency responsible for pesticide regulation. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40CFR part 170.This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), and restricted entry interval.The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 24 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water is:

- Coveralls
- Waterproof gloves
- Shoes plus socks
- Protective eyewear

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

Keep unprotected persons, including children and pets, out of the treated areas until sprays have dried.

Before applying DICAMBA MAX 4 read all directions and precautions in this label. Failure to follow all directions and precautions may result in unsatisfactory weed control, crop injury, or illegal residues.

GENERAL INFORMATION

The following directions apply to all uses of DICAMBA MAX 4 Additional precautions and restrictions will be found in each specific use section.

Do not treat irrigation ditches or water used for crop irrigation or domestic uses.

Do not apply this product through any type of irrigation system.

MIXING AND APPLICATION

UNLESS OTHERWISE SPECIFIED UNDER THE INDIVIDUAL USE HEADINGS OF THIS LABEL, THE FOLLOWING DIRECTIONS APPLY TO ALL CROP AND NON-CROP USES OF DICAMBA MAX 4 REFER TO INDIVIDUAL USE SECTIONS FOR ADDITIONAL PRECAUTIONS, RESTRICTIONS, APPLICATION RATES AND TIMINGS.

DICAMBA MAX 4 is a water-soluble formulation that can be applied using water or sprayable fluid fertilizer as the carrier. If a fluid fertilizer is to be used, a compatibility test (see COMPATIBILITY TEST on this label) should be made prior to tank mixing.

Ground or aerial application equipment which will give good spray coverage of weed foliage should be used.HOWEVER, DO NOT USE AERIAL APPLICATION EQUIPMENT IF SPRAY PARTICLES CAN BE CARRIED BY WIND INTO AREAS WHERE SENSITIVE CROPS OR PLANTS ARE GROWING OR WHEN TEMPERATURE INVERSIONS EXIST.

Apply 3 to 50 gallons of a diluted spray per treated acre when using ground application equipment, or 1 to 10 gallons of a diluted spray per treated acre (2 to 20 gallons of diluted spray per acre for preharvest uses) in a water-based carrier when using aerial application equipment. Use the higher level of the listed spray volumes when treating dense or tall vegetation. Use coarse sprays.

Select nozzles designed to produce minimal amounts of fine spray particles. Spray with nozzles as close to the weeds as is practical for good weed coverage.

To avoid uneven spray coverage, DICAMBA MAX 4 should not be applied during periods of gusty wind or when wind is in excess of 15 mph.

Avoid disturbing (e.g.cultivating or mowing) treated areas for at least 7 days following application.

BEST STEWARDSHIP PRACTICES

DICAMBA MAX 4 provides effective broadleaf weed and brush control when properly applied. Best stewardship practices in all mixing, loading and application operations not only maximize weed control, but also protect ground and surface waters and minimize off-target movement.

This chemical is known to leach through soil into ground water under certain conditions as a result of agricultural use. Use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in ground water contamination.

GROUND AND SURFACE WATERS PROTECTION

1. Point source contamination - To prevent point source contamination, do not mix, load this pesticide product within 50 feet of wells (including abandoned wells and drainage wells),sink holes, perennial or intermittent streams and rivers, and natural or impounded lakes and reservoirs. Do not apply pesticide product within 50 feet of wells.This setback does not apply to properly capped or plugged abandoned wells and does not apply to impervious pad or properly diked mixing/loading areas as described below.

   Mixing, loading, rinsing, or washing operations performed within 50 feet of a well are allowed only when conducted on an impervious pad constructed to withstand the weight of the heaviest load that may be on or move across the pad.The pad must be self-contained to prevent surface water flow over or from the pad. The pad capacity must be maintained at 110% that of the largest pesticide container or application equipment used on the pad and have sufficient capacity to contain all product spills, equipment, or container leaks, equipment wash waters, and rainwater that may fall on the pad.The containment capacity does not apply to vehicles delivering pesticide shipments to the mixing/loading site. States may have in effect additional requirements regarding wellhead setbacks and operational containment.

   Care must be taken when using this product to prevent: a) back siphoning into wells, b) spills or c) improper disposal of excess pesticide, spray mixtures or rinsates.Check valves or antisiphoning devices must be used on all mixing equipment.

2. Movement by surface runoff or through soil - Do not apply under conditions which favor runoff. Do not apply to impervious substrates such as paved or highly compacted surfaces in areas with high potential for ground water contamination. Ground water contamination may occur in areas where soils are permeable or coarse and ground water is near the surface. Do not apply to soils classified as sand with less than 3% organic matter and where ground water depth is shallow.To minimize the possibility of ground water contamination, carefully follow application rate recommendations as affected by soil type in the general information section of this label.

3. Movement by water erosion of treated soil - Do not apply or incorporate this product

through any type of irrigation equipment nor by flood or furrow irrigation. Ensure treated areas have received at least one-half inch rainfall (or irrigation) before using tailwater for subsequent irrigation of other fields.

SENSITIVE CROP PRECAUTIONS

DICAMBA MAX 4 may cause injury to desirable trees and plants, particularly beans, cotton, flowers, fruit trees, grapes, ornamentals, peas, potatoes, soybeans, sunflowers, tobacco, tomatoes and other broadleaf plants when contacting their roots, stems, or foliage.These plants are most sensitive to DICAMBA MAX 4 during their development or growing stage. FOLLOW THE PRECAUTIONS LISTED BELOW WHEN USING DICAMBA MAX 4 .

- Do not treat areas where either possible downward movement into the soil or surface washing may cause contact of DICAMBA MAX 4 with the roots of desirable plants such as trees and shrubs.

- Avoid making applications when spray particles may be carried by air currents to areas where sensitive crops and plants are growing, or when temperature inversions exist. Do not spray near sensitive plants if wind is gusty or in excess of 5 mph and moving in the direction of adjacent sensitive crops. Leave an adequate buffer zone between area to be treated and sensitive plants. Coarse sprays are less likely to drift out of the target area than fine sprays.

- Use coarse sprays to avoid potential herbicide drift.Select nozzles which are designed t produce minimal amounts of fine spray particles. Examples of nozzles designed to produce coarse sprays via ground applications are Delavan Raindrops, Spraying Systems XR flat fans or large capacity flood nozzles such as D10, TK10 or greater capacity tips. Keep the spray pressure at or below 20 psi and the spray volume at or above 20 gpa, unless otherwise required by the manufacturer of drift-reducing nozzles. Consult with your spray nozzle supplier concerning the choice of drift reducing nozzles.

- Agriculturally approved drift-reducing additives may be used.

- Do not apply DICAMBA MAX 4 adjacent to sensitive crops when the temperature on the day of application is expected to exceed 85^0 F as drift is more likely to occur.

- To avoid injury to desirable plants, equipment used to apply DICAMBA MAX 4 should be thoroughly cleaned (see PROCEDURE FOR CLEANING SPRAY EQUIPMENT below) before reusing to apply any other chemicals.

All crop uses of DICAMBA MAX 4 are intended for a normal growing interval between planting and harvest. No crop rotation restrictions exist if normal harvest of treated crop has occurred. If this interval is shortened, such as in cover crops that will be plowed under, do not follow up with the
planting of a sensitive crop.

Crops growing under stress conditions such as drought, poor fertility, or foliar damage due to hail, wind or insects, can exhibit various injury symptoms that may be more pronounced if herbicides are applied.

Consult your local or state authorities for possible application restrictions and advice concerning these and other special local use situations. **Tank mix recommendations are for use only in states where the tank mix product and application site are registered.**

BAND TREATMENTS

DICAMBA MAX 4 may be applied as a band treatment. Use the formulas below to determine the appropriate rate and volume per acre.

Band width in inches		Broadcast **RATE**	=	Band **RATE**
Row width in inches	X	per treated acre	=	per treated acre
Band width in inches		Broadcast VOLUME	=	Band VOLUME
Row width in inches	X	per treated acre	=	per treated acre

COMPATIBILITY TEST
Before mixing in the spray tank, it is advisable to test compatibility by mixing all components in a small container in proportionate quantities (see following table).

Amount of Herbicide to Add to One Pint of Spray Carrier (Assuming Volume is 25 Gallons per Acre)		
HERBICIDE FOMULATIONS	**RATE PER ACRE**	**LEVEL TEASPOONS**
Dry	1 lb.	1 ½
Liquid	1 pt.	½

If herbicide(s) do not ball-up or from flakes, sludge, gels, oily films or layers, or other precipitates, then the tested spray mix is compatible. Usually, incompatibility in any of the above described forms will occur within 5 minutes after mixing.

If components are incompatible, the use of a compatibility agent is recommended. **Re-run** the above COMPATIBILITY TEST with a suitable compatibility agent (1/4 teaspoon is equivalent to 2 pints per 100 gallons of fluid fertilizer).

PROCEDURE FOR CLEANING SPRAY EQUIPMENT
The steps listed below are suggested for thorough cleaning of spray equipment following applications of DICAMBA MAX 4 or tank mixes of DICAMBA MAX 4 or tank mixes of DICAMBA MAX 4 plus 2,4-D amine.

1) Hose down thoroughly the inside as well as outside surfaces of equipment while filling the spray tank half full of water. Flush by operating sprayer until the system is purged of the rinse water.

2) Fill tank with water while adding 1 quart of household ammonia for every 25 gallons of water. Operate the pump to circulate the ammonia solution through the sprayer system for 15 to 20 minutes and discharge a small amount of the ammonia solution through the boom and nozzles. Let the solution stand for several hours, preferably overnight.

3) Flush the solution out of the spray tank through the boom.

4) Remove the nozzles and screens and flush the system with two full tanks of water.

The steps listed below are suggested for thorough cleaning of spray equipment used to apply DICAMBA MAX 4 as a tank mix with wettable powders (WP), emulsifiable concentrates (EC), or other types of water-dispersible formulations.DICAMBA MAX 4 tank mixes with water-dispersible formulations require the use of a water/detergent rinse.

5) Complete step 1.

6) Fill tank with water while adding 2 lbs.of detergent for every 40 gallons of water.Operate the pump to circulate the detergent solution through the sprayer system for 5 to 10 minutes and discharge a small amount of the solution through the boom and nozzles.Let the solution stand for

several hours, preferably overnight.

7) Flush the detergent solution out of the spray tank through the boom.

8) Repeat step 1, and follow with steps 2, 3, and 4.

GENERAL WEED LIST
This is a general list of weeds which may be treated with DICAMBA MAX 4 in accordance with this label as recommended under the rates and timing sections of the Individual Use Headings. Proper usage of this product will give control or growth suppression of many ANNUAL, BIENNIAL, and PERENNIAL broadleaf weeds, and many WOODY brush and vine species including:

	ANNUALS	
Amaranth, Spiny(Spiny Pigweed)	Lambsquarters, Common	Ragweed, Giant (Buffaloweed)
Aster, Slender	Lambsquarters (triazine resistant)	Ragweed Lance-Leaf
Bedstraw	Lettuce, Prickly	Rubberweed, Bitter(Bitterweed)
Beggarweed, Florida	Mallow, Common	Sesbania, Hemp
Broomweed,	Mallow, Venice	Shepherdspurse
Common	Mayweed	Sicklepod
Buckwheat, Wild	Morningglory, Ivyleaf	Sida, Prickly (Teaweed)
Buffalobur	Morningglory, Tall	Smartweed, Green
Burclover, California	Mustard, Tansy	Smartweed, Pennsylvania
Burcucumber	Mustard, Wild	Sneezeweed, Bitter
Buttercup, Roughseed	Mustard (Yellowtops)	Sowthistle, Annual
Carpetweed	Nightshade, Black	Sowthistle, Spiny
Catchfly, Nightflowering	Pennycress, Field(Fanweed,	Spikeweed, Common
Chamomile, Corn	Frenchweed, Stinkweed)	Spurge, Prostrate
Chickweed, Common	Pepperweed, Virginia	Spurry, Corn
Clovers (Annual)	(Peppergrass)	Starbur, Bristly
Cockle, Corn	Pigweed, Prostrate	Sumpweed, Rough
Cockle, Cow	Pigweed, Redroot(Carelessweed)	Sunflower, Common (Wild)
Cocklebur, Common	Pigweed, Rough	Sunflower, volunteer
Croton, Tropic	Pigweed, Smooth	Thistle, Russian
Croton, Woolly	Pigweed (triazine resistant)	Velvetleaf
Daisy, English	Pigweed, Tumble	Waterhemp
Evening primrose, Cutleaf	Poorjoe	Waterprimrose, Winged
Fleabane, Annual	Puncturevine	Wormwood, Annual
Goosefoot, Nettleleaf	Purslane, Common	
Henbit	Pusley, Florida	
Jimsonweed	Radish, Wild	
Knotweed	Ragweed, Common	
Kochia		
Ladysthumb		

	BIENNIALS	
Burdock, Common	Gromwell	Sweetclover
Carrot, Wild (Queen Anne's	Knapweed, Diffuse	Teasel
Lace)	Knapweed, Spotted	Thistle, Bull
Cockle, White	Mallow, Dwarf	Thistle, Milk
Evening primrose, Common	Plantain, Bracted	Thistle, Musk
Geranium, Carolina	Ragwort, Tansy	Thistle, Plumeless
	Starthistle, Yellow	

PERENNIALS		
*Alfalfa	Fern, Bracken	Smartweed, Swamp
Artichoke, Jerusalem	Garlic, Wild	Snakeweed, Broom
Aster, Spiny	Goldenrod, Canada	*Sorrel, Red (Sheep Sorrel)
Waster, Whiteheath	Goldenrod, Missouri	Sowthistle
Beadstraw, Smooth	Goldenweed, Common	Sowthistle, Perennial
Bindweed, Field	Hawkweed	Spurge, Leafy
Bindweed, Hedge	Horsenettle, Carolina	Sundrop,Halfshrub(Eveningprimrose)
Blueweed, Texas	Ironweed	Thistle, Canada
*Bursage, (Bur Ragweed)	Knapweed, Black	Toadflex, Dalmation
(Lakeweed)(Povertyweed)	Knapweed, Russian	Tropical Soda Apple
Bursage, Woollyleaf (Lakeweed)	Mare's Tail (Horseweed)	Trumpetcreeper (Buckvine)
Buttercup, Tall	Milkweed, Climbing	Vetch
Campion, Bladder	Milkweed, Common	Waterhemlock
Chickweed, Field	Milkweed, Honeyvine	Waterprimrose, creeping
Chickweed (Mouseear, Canada)	Milkweed, Western Whorled	*Woodsorrel,Creeping
Chicory	Nettle, Stinging	Common Yellow
*Clover, Hop	Nightshade, Silverleaf(White	Wormwood, Common
*Dandelion, Common	Horsenettle)	Wormwood, Louisiana
*Dock, Broadleaf (Bitterdock)	Onion, Wild	*Yankeeweed
*Dock, Curly	*Plantain, Broadleaf	Yarrow, Common
Dogbane, Hemp	Plantain, Buckhorn	
*Dogfennel (Cypressweed)	Pokeweed	
	Ragweed, Western	
	Redvine	
	Sericia Lespedeza	

* Noted perennials may be controlled using DICAMBA MAX 4 at rates lower than those recommended for other listed perennial weeds.(See APPLICATION RATES AND TIMINGS sections).

WOODY		
Alder	*Hawthorn (Thornapple)	Poplar
Ash	Hemlock	Rabbitbrush
Aspen	Hickory	*Redcedar, Eastern
Basswood	Honeylocust	*Rose, McCartney
Beech	Honeysuckle	*Rose, Multiflora
Birch	Hornbeam	Sagebrush, Fringe
*Blackberry	Huckleberry	Sassafras
*Blackgum	Huisache	Serviceberry
*Cedar	Ivy, Poison	Spicebush
Cherry	Kudzu	Spruce
Chinquapin	Locust, Black	Sumac
Cottonwood	Maple	*Sweetgum
*Creosotebush	Mesquite	Sycamore
Cucumbertree	Oak	Tarbush
*Dewberry	Oak, Poison	Willow
*Dogwood	Olive, Russian	Witchhazel
Elm	Persimmon, Eastern	*Yaupon
Grape	Pine	*Yucca
	*Plum, Sand (Wild Plum)	

*Growth Suppression

FIELD, SEED*, POPCORN* AND SILAGE CORN

Observe all PRECAUTIONS, MIXING and APPLICATION instructions on this label.

* Do not apply DICAMBA MAX 4 to seed corn or popcorn without first verifying with your local seed corn company (supplier) the DICAMBA MAX 4 selectivity on your inbred line or variety of popcorn.This precaution will help avoid potential injury of sensitive varieties.

DICAMBA MAX 4 is not registered for use on sweet corn.

Direct contact of DICAMBA MAX 4 with corn seed must be avoided. If corn seeds are less than 1 1/2 inches below the surface, delay application until corn has emerged.

Up to 2 applications of DICAMBA MAX 4 may be made during a growing season. Do not exceed a total 1 1/2 pints of DICAMBA MAX 4 per treated acre per crop year. Allow two weeks or more between applications of DICAMBA MAX 4 See appropriate section for rate information. For combination options or sequential treatments, refer to appropriate section.

Applications of DICAMBA MAX 4 to corn during periods of rapid growth may result in temporary leaning. Corn will usually become erect within 3 to 7 days. Cultivation should be delayed until after corn is growing normally to avoid breakage.

Agriculturally approved surfactants or sprayable fertilizers (1/2-1 gallon per acre of 28%, 30%, 32% urea ammonium nitrate or 2.5 pounds per acre spray grade ammonium sulfate*) may be added to the spray mixture to improve postemergence weed control, particularly in dry growing conditions.

Do not use adjuvants containing penetrants such as petroleum based oils after crop emergence or crop injury may result.

Corn may be harvested or grazed for feed once the crop has reached the ensilage (milk) stage or later in maturity.

Several synthetic pyrethroid insecticides are labeled for tankmix applications with DICAMBA MAX 4 Refer to their label for specific recommendations.

*** Not for use in California**

WEEDS CONTROLLED
DICAMBA MAX 4 will control many ANNUAL broadleaf weeds or give growth suppression of many PERENNIAL broadleaf weeds commonly found in corn. (Refer to the GENERAL WEED LIST on this label).

For best performance, make application when weeds have emerged and are actively growing.

Preemergence control of cocklebur, velvetleaf, and jimsonweed may be reduced if conditions such as low temperature or lack of soil moisture cause delayed or deep germination of weeds.

PREPLANT/PREEMERGENCE IN NO-TILLAGE CORN
Applications of DICAMBA MAX 4 may be made before, during, or after planting to emerged and actively growing broadleaf weeds. Apply DICAMBA MAX 4 at 1 pint per treated acre on medium or fine textured soils containing 2% or greater organic matter. Use 1/2 pint per treated acre on coarse textured soils (sand, sandy loam, and loamy sand) or medium and fine textured soils with less than 2% organic matter.

When planting into a legume sod (e.g., alfalfa or clover), apply DICAMBA MAX 4 after 4-6 inches of regrowth has occurred.

PREEMERGENCE IN CONVENTIONAL OR REDUCEDTILLAGE CORN
DICAMBA MAX 4 may be applied after planting and prior to corn emergence. Application at 1 pint per treated acre may be made to medium or fine textured soils which contain 2% or greater organic matter.DO NOT apply to coarse textured soils (sand, sandy loam and loamy sand) until after crop emergence (see Early Postemergence uses below).

Preemergence application of DICAMBA MAX 4 does not require mechanical incorporation to become active.A shallow mechanical incorporation is recommended if application is not followed by adequate rainfall or sprinkler irrigation. Avoid tillage equipment (e.g., drags, harrows) which concentrate treated soil over seed furrow.

EARLY POSTEMERGENCE (ALL TILLAGE SYSTEMS)
Spike through 8 inch tall corn
DICAMBA MAX 4 at 1 pint per treated acre may be applied during the period from corn emergence through the five leaf stage or 8 inches tall, which ever comes first. Reduce the rate to 1/2 pint per treated acre if corn is growing on coarse textured soils (sand, sandy loam, loamy sand).
See Late Postemergence applications given below if the 6th true leaf is emerging from whorl or corn is greater than 8 inches tall.

LATE POSTEMERGENCE (ALL TILLAGE SYSTEMS)
8 to 36 inch tall corn
Application of DICAMBA MAX 4 at 1/2 pint per treated acre may be made from 8 to 36 inch tall corn or 15 days before tassel emergence, whichever comes first. For best performance, make applications when weeds are less than 3 inches tall.

Make directed spray application when:(1) corn leaves prevent proper spray coverage;(2) sensitive crops are growing nearby;(3) tank mixing with 2,4-D.

DO NOT apply DICAMBA MAX 4 when soybeans are growing nearby if any of these conditions exist:

- corn is more than 24 inches tall
- soybeans are more than 10 inches tall
- soybeans have begun to bloom

OVERLAY (SEQUENTIAL) TREATMENTS
DICAMBA MAX 4 may be applied to ground previously treated with one or more of the following herbicides:

Acetochlor (Surpass®, Harness® Plus) Alachlor (Lasso®, Lasso MT®, Partner®) Atrazine Bicep® Broadstrike® + Dual® Broadstrike® plus Bronco® Bullet® Butylate (Sutan®+/Genate®) Clarity® Cyanazine (Bladex®) Dimethenamid (Frontier®) EPTC (Eradicane®)	Extrazine II® Guardsman® Glyphosate (Roundup®) Halosulfuron (Battalion®, Permit®) Lariat® Marksman® Metolachlor (Dual®) Paraquat (Gramoxone®) Pendimethalin (Prowl®) Propachlor (Ramrod®) Simazine (Princep®) Surpass® 100

Apply DICAMBA MAX 4 at 1/2 pint per treated acre to ground previously treated with full rates of Clarity® or Marksman® herbicides. Allow at least 2 weeks between applications.

READ AND FOLLOW LABEL DIRECTIONS FOR EACH OF THE ABOVE PRODUCTS.

TANK MIX TREATMENTS FOR CORN

DICAMBA MAX 4 may be tank mixed with one or more of, but not limited to, the following herbicides for control of grasses or additional broadleaf weeds. **Read and follow the label of each tank mix product used for precautionary statements, directions for use, rates and timings, and other restrictions.**

RATINGS AND TIMINGS

ORACLE PLUS	PREPLANT/PRE-EMERGENT (NO TILLAGE CORN) DIRECTIONS	PREEMERGENT (CONVENTIONAL OR REDUCED TILLAGE CORN)	EARLY POST-EMERGENT (ALL TILLAGE SYSTEMS)	LATE POST-EMERGENT (ALL TILLAGE SYSTEMS)	ADDITIONAL DIRECTIONS
ACCENT® Nicosulfuron	-	-	½-1 ounce a.i/A	1/2-1 ounce ai/A (to improve spray coverage of weeds and reduce risk of corn injury, use drop pipes to direct spray beneath corn leaves when corn is greater than 8 inches tall.)	Application may be made to emerged weeds before corn is greater than 24 inches tall.Use non-ionic surfactant at .25% (V/V) with this tank mixture.
Atrazine	1 ¼-2 lbs. a.i./A	1 ¼-2 lbs. a.i./A	1 1/4-2 lbs.ai/A Crop oil concen-trates may be used with this mixture if corn is 5 inches or less in height.	1 1/4-2 lbs.ai/A Do not apply if corn is greater than 12 inches tall.	Additional Directions Application may be made before grasses are 1 ½" tall. Follow all state and Federal restrictions pertaining to atrazine applications.
BEACON® Primisulfuron	-	-	0.31-0.62 ounce ai/A	0.31-0.62 ounce ai/A (to improve spray coverage of weeds and reduce risk of corn injury, use drop pipes to direct spray beneath corn leaves when corn is greater than 8 inches tall).	Application may be made to emerged weeds when corn is 4 to 24 inches tall. Use non-ionic surfactant at .25% (V/V) with this tank mixture.
BLADEX® Cyanazine	1 ¼-4 lbs. a.i./A	1 ¼-4lbs. a.i./A	1 1/4-2 lbs.ai/A (use the 90 DF formulation only,	-	Application may be made before grasses are 1 1/2 inches tall, and before corn is beyond the 4 leaf stage.

			after corn emergence.)		
DUAL® Metolachlor	1 ½-3 lbs. a.i./A	1 1/2-3 lbs.ai/A (use only on fine or medium soils with 2 1/2% or greater organic matter.)	1 ½-3 lbs.a.i./A	-	Application may be made before grasses reach the 2 leaf stage and before corn is greater than 3 inches tall.
FRONTIER® Dimethenamid	13-25 fl. oz/A	13-25 fl.oz/A (use only on fine or medium textured soils with 2.5% or greater organic matter.)	13-25 fl. oz./A	-	Application may be made up to 8 inch tall corn.This treatment must be combined with a herbicide that provides postemergence control of grass weeds if they are greater than 1 inch tall at the time of application.
GRAMOXONE® Paraquat	¼-1 lb.a.i./A	¼-1 lb. a.i./A	-	-	Application may be made to emerged weeds but prior to corn emergence.
HARNESS® PLUS OR SURPASS® Acetochlor	1 ½-3 lbs. a.i./A	1 1/2-3 lbs.ai/A Use only on fine or medium textured soils with 2.5% or greater organic matter.	-	-	Application may be made to emerged weeds but prior to corn emergence.
LASSO® Alachlor	1 ½-4 lbs. a.i./A	1 1/2-4 lbs.ai/A (use only on fine textured soils with greater than 2 1/2% organic matter).	1 ½-4 lbs. a.i./A	-	Application may be made before grasses reach the 2 leaf stage and before corn is greater than 3 inches tall.If microencapsulated forms of alachlor are used (Lasso MT, Partner), applications must be made prior to grass emergence.
PRINCEP® Simazine	2.0-3.0 lbs. a.i./A	2.0-3.0 lbs. a.i./A	-	-	Application may be made prior to corn or weed emergence
Prowl® Pendimethalin	-	¾-1 ½ lbs. a.i./A (use only on fine or medium textured soils with 2 ½% or greater organic matter.)	¾-1 ½ lbs. a.i./A	-	Application may be made immeditely after planting but prior to weed emergence. Corn should not be beyond the l2 leaf stage of growth.
ROUNDUP® Glyphosate	1.0-3.0 lbs. a.i./A	1.0-3.0 lbs. a.i./A	-	-	Application may be made to emerged weeds but prior to corn emergence.

2,4-D	¼-1/2 lbs. a.i./A	¼-1/2 lbs. a.i./A	Not recommended	1/8 lbs. a.i./A	Drop pipes are to be used when corn height is 8 inches or greater.Keeping the spray off the corn leaves and out of the whorl will reduce the likelihood of crop injury and improve spray coverage of the weed foliage.

SORGHUM (Millo)
Observe all PRECAUTIONS on this label, including the reference to crops growing under stress.

Read and follow mixing and application instructions on this label.

Applications of DICAMBA MAX 4 to sorghum during periods of rapid growth may result in temporary leaning of plants or rolling of leaves.These effects are usually outgrown within 10 to 14 days.

Do not graze or feed treated sorghum forage or silage prior to mature grain stage.If sorghum is grown for pasture or hay, refer to the pasture use section of this label. Do not apply DICAMBA MAX 4 to sorghum grown for seed production.

Make no more than one application per growing season.

WEEDS CONTROLLED
DICAMBA MAX 4 when applied at the recommended rate for sorghum, will control many actively growing ANNUAL broadleaf weeds and will reduce competition from established PERENNIAL broadleaf weeds as well as control their seedlings. (Refer to GENERAL WEED LIST).

RATES AND TIMINGS
DICAMBA MAX 4 may be applied to emerged and actively growing weeds at least 15 days prior to planting. Postemergence application of DICAMBA MAX 4 must be made after sorghum is in the spike stage (all sorghum emerged) but before sorghum is 15 inches tall. For best performance, make applications when sorghum is in the 3-5 leaf stage and weeds are small (less than 3 inches tall). Use drop pipes (drop nozzles) if sorghum is taller than 8 inches.Keeping the spray off the sorghum leaves and out of the whorl will reduce the likelihood of crop injury and improve spray coverage of weed foliage.

BROADCAST RATE PER TREATED ACRE:
1/2 pint (1/4 lb.a.i.)

TANK MIX TREATMENT
DICAMBA MAX 4 plus Atrazine
For improved control of emerged, actively growing broadleaf weeds including triazine resistant species and added suppression of perennial broadleaf weeds, tank mix 1/2 pint DICAMBA MAX 4 with 0.5 to 1.25 lbs.a.i. atrazine per treated acre. For control of grasses (less than 1.5 inches tall), tank mix 1/2 pint DICAMBA MAX 4 with 2 lbs.a.i.atrazine per treated acre. For best performance and minimal crop injury, make application when sorghum is 3-8 inches tall and when broadleaf weeds are small (less than 6 inches tall).

Application of atrazine must be made before sorghum is beyond 12 inches tall.The atrazine rate will depend upon soil texture and length of residual weed control desired. Follow all State and Federal restrictions pertaining to atrazine applications.

DICAMBA MAX 4 plus Buctril®
For improved control of broadleaf weeds, tank mix 1/2 pint DICAMBA MAX 4 with 1-1 1/2 pint Buctril Herbicide per treated acre. Make application at 4 leaf to 15 inch tall sorghum.Use drop nozzles to direct spray beneath sorghum leaves when sorghum is grater than 8 inches tall.

READ AND FOLLOW THE LABEL OF EACH TANK MIX PRODUCT USED FOR PRECAUTIONARY STATEMENTS, DIRECTIONS FOR USE, APPLICATION RATES AND TIMINGS AND OTHER RESTRICTIONS.

OVERLAY (SEQUENTIAL) TREATMENTS
DICAMBA MAX 4 may be applied to ground previously treated with one or more of the following herbicides:

Herbicide	Maximum rate per treated acre (lbs. a.i.)
Alachlor (Lasso®) (Screen®-treated seed)	4
Atrazine[1]	2.5
Metolachlor (Dual®) (Concep®-treated seed)	2.5
Propachlor (Ramrod®)	5

[1]Maximum use rate for atrazine is determined by soil type, tillage practices used, surface residue, and state or local restrictions. Follow the more restrictive requirements when determining the maximum use rate for atrazine.

PREHARVEST USES

For Use Only In the States of Texas and Oklahoma

DICAMBA MAX 4 may be applied for weed suppression any time after the sorghum has reached the soft dough stage. An agriculturally approved surfactant may be used to improve performance. For aerial applications use at least 2 gallons of water-based carrier per treated acre.

Delay harvest until 30 days after treatment.
BROADCAST RATE PER TREATED ACRE: 1/2 pint (1/4 lbs.a.i.)

SMALL GRAINS (WHEAT, BARLEY, OATS) Not underseeded to Legumes

Important
Observe all PRECAUTIONS on this label. Read and follow CLEANING, MIXING and APPLICATION instructions on this label.

If small grains are used for pasture hay, the following restrictions apply:

- Animals cannot be removed from treated area for slaughter prior to 30 days after last application.
- There is no waiting period between treatment and grazing for non-lactating dairy animals.
- Treated areas may not be grazed by lactating dairy animals before 7 days after treatment.

- Do not harvest hay from treated areas before 37 days after treatment.

NOTE: Observe all precautions and restrictions on the labels of products used in tank mix treatments.

WEEDS CONTROLLED

DICAMBA MAX 4 or combinations with listed tank mix partners, will provide control or suppression of annual broadleaf weeds listed below. For improved control of listed weeds, it is recommended that DICAMBA MAX 4 be applied in a tank mix with other herbicides. Refer to specific crop tank mix options.

Alkanet[1]	Knawel (German Moss)	Pigweed, Rough
Bedstraw, Catchweed[1]	Knotweed, Prostrate	Pigweed, Tumble
Bindweed, Field[2]	Kochia	Pineappleweed[1]
Buckwheat, Tartary	Ladysthumb	Plantain, Broadleaf[2]
Buckwheat, Wild	Lambsquarters, Common	Poppy, Red Horned[1]
Carpetweed[1]	Lettuce, Miners[1]	Puncturevine[1]
Chamomile, Corn	Lettuce, Prickly	Purslane, Common[1]
Chervil, Bur[1]	Mallow, Common	Radish, Wild[1]
Chickweed, Common[1]	Mayweed, Chamomile (Dogfennel)[1]	Ragweed, Common[1]
Cockle, Corn	Mustard, Blue (Purple)[1]	Ragweed, Giant (Buffaloweed)[1]
Cockle, Cow	Mustard, Tansy	Rocket, London[1]
Cocklebur, Common	Mustard Treacle[1]	Rocket, Yellow[1]
Cornflower (Bachelorbutton)[1]	Mustard, Tumble (Jim Hill)[1]	Salsify (Goatsbeard)[1]
Dandelion, Common[2]	Mustard, Wild[1]	Sheperdspurse[1]
Dock, Curly[2]	Nightshade, Black	Smartweed, Green
Dragonhead, American[1]	Nightshade, Cutleaf[1]	Smartweed, Pennsylvania
Evening Primrose, Cutleaf[1]	Nightshade, Silverleaf[2] (White Horsenettle)	Sorrel, Red (Sheep Sorrel)[1]
Falseflax, Smallseeded[1]	Pennycress, Field (Fanweed, Frenchweed, Stinkweed)	Sowthistle, Annual
Fiddleneck (Tarweed)[1]	Pepperweed, Peppergrass[1]	Starthistle, Yellow[1]
Flixweed[1]	Pigweed, Redroot (Carelessweed)	Sunflower, Common (Wild)
Fumitory[1]		Thistle, Canada[2]
Gromwell, Corn[1]		Thistle, Russian
Groundsel, Common[1]		Yarrow, Common[2]
Hempnettle[1]		Velvetleaf
Henbit		Vetch[1]
Jacobs Ladder[1]		

[1]These weeds will be controlled with DICAMBA MAX 4 tank mixtures. Refer to tank mix label for specific weeds controlled.
[2]DICAMBA MAX 4 tank mixes will provide suppression of established broadleaf weeds and control of their seedlings.

RATES AND TIMINGS

Application of DICAMBA MAX 4 may be made before, during or after planting small grains. For best performance, make applications when weeds are in the 2-3 leaf stage and rosettes are less then 2 inches across. Application of DICAMBA MAX 4 to small grains during periods of rapid growth may result in crop leaning.This condition is temporary and will not reduce crop yields.

Use DICAMBA MAX 4 at 2 to 4 fluid ounces per treated acre in wheat, fall seeded barley, and oats, and at 2 to 3 fluid ounces per treated acre in spring seeded barley. Use the higher level of listed rate ranges when treating difficult to control weeds such as kochia, Russian thistle and prickly lettuce or dense vegetative growth.

DICAMBA MAX 4 used in a tank mix with other herbicides offers the best spectrum of weed control and herbicide tolerant or resistant weed management. Refer to specific crop for DICAMBA MAX 4 rate and application timing.

For applications prior to the emergence of weeds or when sulfonylurea resistant weeds are present or suspected, use a minimum of 3 fluid ounces per treated acre of DICAMBA MAX 4 with a tank mix herbicide. Non-sulfonylurea herbicides such as 2,4-D or MCPA tank mixed with DICAMBA MAX 4 will offer more consistent control of sulfonylurea resistant weeds.

When tank mixing with sulfonylurea herbicides, such as Ally, Amber, Express, Finesse, Glean and Harmony Extra, use an agriculturally approved surfactant of at least 80% active ingredient at the rate of 1-4 pints/100 gallons of spray or not more than 0.25-0.5% by volume. Use the highest rate of surfactant when using the lower rate ranges of the tank mix and/or when treating more mature and difficult to control weeds or dense vegetative growth.

FALL AND SPRING SEEDED WHEAT
DICAMBA MAX 4 MUST BE APPLIED TO FALL SEEDED WHEAT PRIOR TO THE JOINTING STAGE. APPLICATIONS TO SPRING SEEDED WHEAT MUST BE MADE BEFORE WHEAT EXCEEDS THE 5 LEAF STAGE. Early developing wheat varieties such as TAM 107, MADISON, or WAKEFIELD must receive application between early tillering and the jointing stage. Care should be taken in staging these varieties to be certain that the application occurs prior to the jointing stage.

TANK MIX TREATMENTS
DICAMBA MAX 4 may be tank mixed with one or more, but not limited to, the following herbicides. Read and follow the label of each tank mix product used for precautionary statements, directions for use, weeds controlled and geographic and other restrictions.

BROADCAST RATE PER TREATED ACRE: Apply 2-4 fluid ounces of DICAMBA MAX 4 with:

Product	Active Ingredient	Formulation	Amount of Product Per Acre
2,4-D Amine or Ester	2,4-D	4 lb/gal	8-12 fl. oz. (.25-.375 lb. a.i./A)[1]
MCPA Amine or Ester	MCPA	4 lb/gal	8-12 fl oz. (.25-.375 lb ai/A)[1]
Ally®	Metsulfuron-methyl	60% DF	1/10 oz.
Amber®	Triasulfuron	75% DF	0.28 oz
Express®	Thifensulfuron+Tribenuron-methyl	75% DF	1/6 oz.
Finesse®	Chlorsulfuron+Metsulfuron-methyl	75% DF	1/3 oz.
Glean®	Chlorsulfuron	75% DF	1/6 oz.
Harmony® Extra	Thifensulfuron+Tribenuron-methyl	75%DF	1/3 oz.
Buctril®	Bromoxynil[2]	2 lb/gal	1-1.5 pts.
Bronate®	Bromoxynil+MCPA	4 lb/gal	1-2 pts.
Curtail®	Clopyralid+2,4-D	2.38 lb/gal	2-2 2/3 pts.
Stinger®	Clopyralid	3 lb/gal	1/4-1/3 pt.
Karmex® 3	Diuron[2]	80% DF	1/2-1.5 lbs
Sencor® 3	Metribuzin[2]	75% DF	1-10 oz.
Dakota® 4	Fenoxaprop-ethyl+MCPA	3.1 lb/gal	16 oz.
Tiller® 4	Fenoxaprop-ethyl+MCPA+2,4-D	2.7 lb/gal	1-1.7 pts.

[1] When using formulations other then 4 lb/gal use pounds active/acre listed.
[2] Herbicides with the same active ingredient and/or different formulation may be used.
[3] Tank mixtures for fall seeded wheat only.
[4] Use 2 fluid ounces of DICAMBA MAX 4 only. Do not use if wild oats is the target weed. Do not use on Durum wheat.

SPECIAL USE TANK MIXES FOR SPRING AND FALL SEEDED WHEAT (See Footnotes for Applicable Uses)

Apply 3-4[1] fluid ounces of DICAMBA MAX 4 with:

Product [2]	Active Ingredient	Formulation	Amount of Product Per Acre
2,4-D or MCPA Amine	2,4-D or MCPA	4 lb/gal	1-2 pts.[3] (0.5-1.0 lb ai/A)[4]
2,4-D or MCPA Ester	2,4-D or MCPA	4 lb/gal	1-1.5 pts.[3] (.5-.75 lb ai/A)[4]
Ally®	Metsulfuron-methyl	60% DF	1/20-1/10 oz.
Amber®	Triasulfuron	75% DF	0.14-0.28 oz.
Express®	Thifensulfuron+Tribenuron-methyl	75% DF	1/12-1/6 oz.
Finesse®	Chlorsulfuron + Metsulfuron-methyl	75% DF	1/6-1/3 oz
Glean®	Chlorsulfuron	75% DF	1/6 oz.
Harmony® Extra	Thifensulfuron + Tribenuron-methyl	75% DF	1/6-1/3 oz
Ally® + 2,4-D Amine or Ester[5]	Metsulfuron-methyl+2,4-D	60% DF + 4 lb/gal	1/20-1/10 oz + 8 fl. oz.
Amber® + 2,4-D Amine or Ester[5]	Triasulfuron + 2,4-D	75% DF + 4 lb/gal	0.14-0.28 oz + 8 fl oz.
Express® + 2,4-D Amine or Ester[5]	(Thifensulfuron + Tribenuron-methyl) + 2,4-D	75% DF + 4 lb/gal	1/12-1/6 oz + 8 fl oz.
Finesse® + 2,4-D Amine or Ester[5]	(Chlorsulfuron + Metsulfuron-methyl) + 2,4-D	75% DF + 4 lb/gal	1/6-1/3 oz + 8 fl oz.
Glean® + 2,4-D or Ester[5]	Chlorsulfuron + 2,4-D	75% DF + 4 lb/gal	1/6 oz + 8 fl oz.
Harmony® Extra + 2,4-D Amine or Ester[5]	(Thifensulfuron + Tribenuron-methyl) + 2,4-D	75% DF + 4 lb/gal	1/6-1/3 + 8 fl. oz.
Roundup® RT[6]	Glyphosate	3.0 lb/gal	12-16 fl oz.

[1] DICAMBA MAX 4 may be used at 6 fluid ounces on fall seeded wheat in Western Oregon as a spring application only. In CO, KS, NM, OK and TX up to 8 fluid ounces of DICAMBA MAX 4 may be applied on fall seeded wheat after it exceeds the 3 leaf stage for suppression of perennial weeds, such as field bindweed. Applications may be made in the fall following a frost but before a killing freeze. DICAMBA MAX 4 may be tank mixed with 2,4-D amine at 8 fluid ounces after wheat begins to tiller. Periods of extended stress such as cold and wet weather may enhance the possibility of crop injury. For fall applications only, do not use if the potential for crop injury is not acceptable.

[2] Do not use low rates of sulfonylurea herbicides, such as Ally®, Amber®, Express®, Finesse®, Glean®, and Harmony® Extra on more mature weeds and/or on dense vegetative growth.

[3] NOTE: For use on Fall Seeded Wheat Only. Do Not Use unless potential crop injury will be acceptable.

[4] When using formulations other than 4 lb/gal use pounds active/acre listed.

[5] Use for improved control of Russian thistle, flixweed, gromwell, mayweed and fiddleneck.

[6] DICAMBA MAX 4 may be applied at 2 fluid ounces with Roundup® RT as a preplant application to small grains with no waiting period prior to planting. Add 0.5% by volume of an agriculturally approved non-ionic surfactant.

FALL SEEDED BARLEY
DICAMBA MAX 4 MUST BE APPLIED TO FALL SEEDED BARLEY PRIOR TO THE JOINTING STAGE.

NOTE: For spring barley varieties that are seeded during the winter months or later, follow the rates and timings given for spri ng seeded barley.

TANK MIX TREATMENTS
DICAMBA MAX 4 may be tank mixed with one or more, but not limited to, the following herbicides. Read and follow the label of each tank mix product used for precautionary statements, directions for use, weeds controlled and geographic and other restrictions.

BROADCAST RATE PER TREATED ACRE:
Apply 2-4 fluid ounces DICAMBA MAX 4 with:

Product [1]	Active Ingredient	Formulation	Amount of Product Per Acre
2,4-D Amine or Ester	2,4-D	4 lb/gal	8 fl oz.(0.25 lb ai/A)[2]
MCPA Amine or Ester	MCPA	4 lb/gal	8-12 fl oz.(0.25-0.375 lb ai/A)
Ally®	Metsulfuron-methyl	60% DF	1/20 -1/10 oz.
Amber®	Triasulfuron	75% DF	0.14 - 0.28 oz.
Express®	Thifensulfuron + Tribenuron-methyl	75% DF	1/12 -1/6 oz.
Finesse®	Chlorsulfuron + Metsulfuron-methyl	75% DF	1/6 - 1/3 oz.
Glean®	Chlorsulfuron	75% DF	1/6 oz.
Harmony® Extra	Thifensulfuron + Tribenuron-methyl	75% DF	1/8 -1/3 oz.
Sencor®	Metribuzin[3]	75% DF	1-10 oz.
Buctril®	Bromoxynil[2]	2 lb/gal	1-1 1/2 pts.
Bronate®	Bromoxynil + MCPA	4 lb/gal	3/4-1 1/2 pts.

1 Do not use low rates of sulfonylureas (Ally®, Amber®, Express®, Finesse®, Glean, and Harmony® Extra) on more mature weeds and/or on dense vegetative growth.
[2] When using formulations other than 4 lb/gal use pounds active/acre listed.
[3] Herbicides with the same active ingredient and/or different formulations may be used.

SPRING SEEDED BARLEY
DICAMBA MAX 4 MUST BE APPLIED BEFORE SPRING SEEDED BARLEY EXCEEDS THE 4-LEAF STAGE.

TANK MIX TREATMENTS
DICAMBA MAX 4 may be tank mixed with one or more of, but not limited to, the following herbicides. Read and follow the label of each tank mix product used for precautionary statements, directions for use, weeds controlled and geographic and other restrictions.

BROADCAST RATE PER TREATED ACRE:
Apply 2-3 fluid ounces DICAMBA MAX 4 with:

Product [1]	Active Ingredient	Formulation	Amount of Product Per Acre

MCPA Amine or Ester	MCPA	4 lb/gal	8-12 fl. oz. (0.25-0.375 lb ai/A)[2]
Ally®	Metsulfuron-methyl	60% DF	1/20 -1/10oz
Amber®	Triasulfuron	75% DF	0.14 - 0.28 oz.
Express®	Thifensulfuron + Tribenuron-methyl	75% DF	1/12 -1/6 oz.
Finesse®	Chlorsulfuron + Metsulfuron-methyl	75% DF	1/6 - 1/3 oz.
Glean®	Chlorsulfuron	75% DF	1/6 oz.
Harmony® Extra	Thifensulfuron + Tribenuron-methyl	75% DF	1/6 -1/3 oz.
Sencor®	Metribuzin[3]	75% DF	1-10 oz.
Buctril®	Bromoxynil[2]	2 lb/gal	1-1 1/2 pts
Bronate®	Bromoxynil + MCPA	4 lb/gal	3/4-1 1/2 pts.

[1] Do not use low rates of sulfonylureas (Ally®, Amber®, Express®, Finesse®, Glean®, and Harmony® Extra) on more mature weeds and/or on dense vegetative growth.
[2] When using formulations other than 4 lb/gal use pounds active/acre listed.
[3] Herbicides with the same active ingredient and/or different formulations may be used.

FALL AND SPRING SEEDED OATS
DICAMBA MAX 4 MUST BE APPLIED BEFORE SPRING SEEDED OATS EXCEED THE 5 LEAF STAGE. APPLICATIONS TO FALL SEEDED OATS MUST BE MADE PRIOR TO THE JOINTING STAGE.

TANK MIX TREATMENTS
DICAMBA MAX 4 may be tank mixed with one or more of, but not limited to, the following herbicides. Read and follow the label of each tank mix product used for precautionary statements, directions for use, weeds controlled and geographic and other restrictions.

BROADCAST RATE PER TREATED ACRE:
Apply 2-4 fluid ounces DICAMBA MAX 4 with:

Product	Active Ingredient	Formulation	Amount of Product Per Acre
MCPA Amine or Ester	MCPA	4 lb/gal	8 fl oz.(0.25-0.375 lb ai/A)[1]

[1] When using formulations other than 4 lb/gal use pounds active/acre listed.

SUGARCANE
Observe all PRECAUTIONS on this label. Read and follow MIXING AND APPLICATION instructions on this label.

Consult your local or state authorities for possible application restrictions, especially concerning aerial applications and advice concerning special local use situations.

WEEDS CONTROLLED
DICAMBA MAX 4 when applied at recommended rates, will control many ANNUAL, BIENNIAL and PERENNIAL broadleaf weeds commonly found in sugarcane.(Refer to GENERAL WEED LIST on this label.)

RATES AND TIMINGS
Application of DICAMBA MAX 4 may be made any time after weeds have emerged and are actively growing but before the close-in stage of sugarcane. Application rates and timings of DICAMBA MAX 4 are given below. Use the higher level of listed rate ranges when treating dense vegetative growth.

Weed Stage and Type	Amount Product	Broadcast Rate Per Treated Acre lbs.a.i.
Annual		
Small, actively growing	1/2-1 pt	1/4 - 1/2
Established weed growth	1-1 1/2 pts	1/2 - 3/4
Biennial	1-2 pts	1/2 - 1
Perennial	2-4 pts	1 - 2*

* Application made over the top of actively growing sugarcane may result in crop injury.

When possible, direct the spray beneath the sugarcane canopy in order to minimize the likelihood of crop injury. The use of directed sprays will also aid in maximizing spray coverage of weed foliage.

Retreatments may be made as needed, however, do not exceed a total of 4 pints (2 lbs.a.i.) of DICAMBA MAX 4 per treated acre during a growing season.

TANK MIX TREATMENTS
DICAMBA MAX 4 may be tank mixed with one or more of, but not limited to, the following herbicides for control of grasses or additional broadleaf weeds. Read and follow the label of each tank mix product used for precautionary statements, directions for use, rates and timings, weeds controlled, geographic and other restrictions.

Herbicide	Rates per Treated Acre (lbs. a.i.)
Ametryn (Evik®)	2/5 - 8
Asulam (Asulox®)	2 - 3 1/3
Atrazine	2/5 - 4
2,4-D	1/2 - 3*

* Application of DICAMBA MAX 4 plus 2,4-D tank mix at the higher listed rate range may result in crop injury.

PASTURE, HAY, RANGELAND AND GENERAL FARMSTEAD (Non-Cropland), RIGHTS-OF-WAY,AND PUBLIC UTILITY AND INDUSTRIAL AREAS
DICAMBA MAX 4 is recommended for use on pasture, hay, rangeland, general farmstead (non-cropland) (including fence rows and non-irrigation ditchbanks) for broadleaf weed and brush control, and for use on non-cropland areas such as rights-of-way (such as roadways, rest areas, utility, railroad, highway, pipeline, and rights-of-way that run through pasture and rangeland); public utility facilities (such as substations, pipelines, tankfarms, pumping stations, parking and storage areas, fencerows and nonirrigated ditchbanks); brush control for forest site preparation or maintenance.DICAMBA MAX 4 may also be applied to non-cropland areas for the control of broadleaf weeds in Noxious Weed Control Programs, Districts or Areas including broadcast or spot treatment of roadsides and highways, utilities, railroad and pipeline rights-of-way.Noxious weeds must be recognized at the State level but programs may be administered at State, County or other levels.

Observe all PRECAUTIONS on this label. Read and follow MIXING AND APPLICATION

instructions.

GENERAL FARMSTEAD
DICAMBA MAX 4 uses described in this section also pertain to small grains (such as barley, forage, sorghum, oats, rye, sudangrass or wheat) grown for pasture use only.

NEWLY SEEDED AREAS, including small grains grown for pasture may be severely injured if rates of DICAMBA MAX 4 greater than 1 pint/acre are applied.

ESTABLISHED GRASS CROPS growing under stress can exhibit various injury symptoms that may be more pronounced if herbicides are applied. Furthermore, rates of DICAMBA MAX 4 in excess of 2 quarts (2 lbs.a.i.) per treated acre may cause temporary injury to many grass species.

Bentgrass, carpetgrass, buffalograss and St.Augustine grass may be injured at rates exceeding 1 pint DICAMBA MAX 4 (1/2 lb.a.i.) per treated acre. Usually colonial bentgrasses are more tolerant than creeping types. Velvetgrasses are most easily injured.Treatments will kill alfalfa, clovers, lespedeza, wild winter peas, vetch and other legumes.

ANIMALS CANNOT BE REMOVED FROM TREATED AREA FOR SLAUGHTER PRIOR TO 30 DAYS AFTER LAST APPLICATION.

THERE IS NO WAITING PERIOD BETWEEN TREATMENT ANDGRAZING FOR NON-LACTATING ANIMALS.

TIMING RESTRICTIONS FOR LACTATING DAIRY ANIMALSFOLLOWING TREATMENT

DICAMBA MAX 4	Days Before Grazing	Days Before Hay Harvest
Up to 1 pint (1/2 lb.a.i.)	7 days	37 days
Up to 1 quart (1 lb.a.i.)	21 days	51 days
Up to 2 quarts (2 lbs.a.i.)	40 days	70 days

NOTE: Observe all precautions and restrictions on labels of products used in tank mixtures.

RIGHTS-OF-WAY
DICAMBA MAX 4 can be used to control many broadleaf weeds on rights-of-way. This use includes applications to roadside, roadway and highways; to areas along utilities such as cable and powerlines; railroad track and embankment; highways, highway medians, bridge abutments, pipelines, and rights-of-way that run through pasture and rangeland. Use controlled application techniques that minimize the risk of off-target movement.

PUBLIC UTILITY AND INDUSTRIAL AREAS
DICAMBA MAX 4 can be used to control many broadleaf weeds and brush in noncrop areas on or surrounding substations, pipelines, tankfarms, pump stations, production facilities, and bareground situations. It may also be used on parking and storage areas (refer to Best Stewardship Practices to avoid direct runoff from impervious surfaces).

MIXING AND APPLICATION
Read and observe Sensitive Crop Precautions recommendations in this label.

DICAMBA MAX 4 can be applied using water, oil in water emulsions (including invert systems), or sprayable fluid fertilizer as a carrier. A COMPATABILITY TEST (on this label) should be made prior to tank mixing.

To prepare oil in water emulsions, half-fill spray tank with water, then add the appropriate amount of emulsifier. With continuous agitation, slowly add the herbicide and then the oil (such as diesel

oil or fuel oil) or a premix of oil plus additional emulsifier to spray tank. Complete filling of spray tank with water. Maintain vigorous agitation during spray operation to prevent oil and water from forming separate layers.

DICAMBA MAX 4 may be applied broadcast using either ground or aerial application equipment. When using ground equipment, apply 3 to 600 gallons of diluted spray per treated acre. Volume of spray applied will depend on the height, density, and type of weeds or brush being treated and on the type of equipment being used. When using aerial equipment apply 1 to 40 gallons of diluted spray per treated acre in a water-based carrier.

DICAMBA MAX 4 may be applied to individual clumps or small areas (SPOT TREATMENT) of undesirable vegetation using handgun or similar types of application equipment. Apply diluted sprays to allow complete wetting (up to run-off) of foliage and stems.

Herbicide adjuvants or other spray additives (emulsifiers, surfactants, wetting agents, drift control agents, or penetrants) may be used for wetting, penetration, or drift control. Spray additives must be agriculturally approved when used in pasture applications. If spray additives are used, read and follow all use recommendations and precautions on product label.

WEEDS AND BRUSH CONTROLLED

DICAMBA MAX 4 when applied at recommended rates, will give control of many ANNUAL, BIENNIAL, and PERENNIAL broadleaf weeds, and many WOODY brush and vine species commonly found in pasture, hay, rangeland, and general farmstead (non-cropland) areas. (Refer to GENERAL WEED LIST).

Noted (*) PERENNIAL weeds may be controlled with lower rates of either DICAMBA MAX 4 or DICAMBA MAX 4 plus 2,4-D. See RATES AND TIMINGS below.

RATES AND TIMINGS

Application rates and timing of DICAMBA MAX 4 are given below. Use the higher level of listed rate ranges when treating dense or tall vegetative growth.

Weed Stage & Type	**Amount Product**	**Broadcast Rate per Treated Acre (lbs.a.i.)**
Annual		
Small, actively growing	1/2 - 1 pt.	1/4 - 1/2
Established weed growth	1 - 1 1/2 pts.	1/2 - 3/4
Biennial[1]		
Rosette diameter		
Less than 3 inches	1/2 - 1 pt.	1/4 - 1/2
3 inches or more	1 - 2 pts.	1/2 - 1
Bolting	2 - 3 pts.	1 - 1 1/2
Perennial		
Suppression or top growth control	1/2 - 1 qt.	1/2 - 1
Noted (*) Perennials	1 - 2 qts.	1 - 2
Other perennials	2 qts.	2
Woody Brush & Vines		
Top growth suppression	1/2 - 1 qt.	1/2 - 1
Top growth control[2]	1 - 2 qts.	1 - 2
Stems and stem suppression	2 qts.	2

[1] For best performance, make application when BIENNIAL weeds are in the rosette stage.
[2] Species noted in GENERAL WEED LIST pages 3-4 will require tank mixtures for adequate control.

Retreatments may be made as needed; however, do not exceed a total of 2 quarts (2 lbs.a.i.) of DICAMBA MAX 4 per treated acre during a growing season.

TANK MIX TREATMENTS
DICAMBA MAX 4 may be tank mixed with one or more, but not limited to, of the following herbicides for control of grasses, additional broadleaf weeds, and woody brush and vines.

READ AND FOLLOW THE LABEL OF EACH TANK MIX PRODUCT USED FOR PRECAUTIONARY STATEMENTS, DIRECTIONS FOR USE, APPLICATION RATES AND OTHER RESTRICTIONS.

Herbicide	Rates Per Treated Acre (lbs.a.i.)
Norflurazon (Predict®) Prodiamine (Endurance®) Glufosinate (Finale®) Glyphosate (Rounoup®) Metsulfuron methyl (Ally®) Paraquat (Gramoxone®) Picloram (Tordon®) Triclopyr (Garlon®) Pendimethalin (Pendulum®) Clopyralid (Transline®) Bromacil (Hyvar®) Chlorsulfuron (Telar®) Diquat (Reward®) Simazine (Princep®) Diuron (Karmex®) DSMA Fosamine Ammonium (Krenite®) Hexazinone (Velpar®) Imazapyr (Arsenal®) Imazermeth (Plateau®) MSMA Sulfometuron Methyl (Oust®) Sulfosate (Touchdown®) Tebuthiuron (Spike®)	Consult product labels for rate recommendations
2,4-D	1/4 to 6

Due to the variations that may occur on formulated products and specific use ingredients (e.g.water supplies), a COMPATIBILITY TEST as described on this label is recommended prior to actual tank mixing.

CUT SURFACE TREE TREATMENTS
DICAMBA MAX 4 may be applied as a cut surface treatment for control of unwanted trees and prevention of sprouts of cut trees. A mix of 1 part DICAMBA MAX 4 with 1 to 3 parts water should be used in application. Use the lower dilution when treating difficult-to-control species.

FRILL OR GIRDLE TREATMENTS: Make a continuous cut or a series of overlapping cuts using an ax to girdle tree trunk.Spray or paint cut surface with the DICAMBA MAX 4/water mix.

STUMP TREATMENTS: Spray or paint freshly cut surface with the water mix.The area adjacent to the bark should be thoroughly wet.

NOTE: For more rapid foliar effects, 2,4-D may be added to the DICAMBA MAX 4 /water mix.
DORMANT APPLICATIONS FOR CONTROL OF MULTIFLORA ROSE

DICAMBA MAX 4 can be applied when plants are dormant as an undiluted SPOT-CONCENTRATE directly to the soil or as a LO-OIL BASAL BARK treatment using an oil-water emulsion solution.

SPOT-CONCENTRATE applications of DICAMBA MAX 4 should be applied directly to the soil as close as possible to the root crown but within 6-8 inches of the crown. On sloping terrain, application should be made to the uphill side of the crown. Do not make application when snow or water prevents applying DICAMBA MAX 4 directly to the soil. The use rate of DICAMBA MAX 4 is dependent on the canopy diameter of the multiflora rose.Examples: Use DICAMBA MAX 4 at 1/4, 1 or 2 1/4 fluid ounces of product respectively, for 5, 10, or 15 feet canopy diameters.Do not exceed a total of 2 qts.DICAMBA MAX 4 per acre per year.

LO-OIL BASAL BARK applications of DICAMBA MAX 4 should be applied to the basal stem region from the ground up to a height of 12-18 inches. Spray until runoff, with special emphasis on covering the root crown.For best results, make application when plants are dormant. Do not make
application after bud break or when plants are showing signs of active growth.Do not make application when snow or water prevents applying DICAMBA MAX 4 to the ground line.Refer to Mixing and Applications above in this section for method of preparing oil-in-water emulsion.Example for making approximately 2 gallons of a Lo-Oil spray solution mixture: combine 1 1/2 gallons water plus 1 ounce emulsifier plus 1 pint DICAMBA MAX 4 plus 2 1/2 pints of No.2 diesel fuel. Adjust amounts of materials used proportionately to the amount of final spray solution desired. Do not exceed 8 gallons of spray solution mix applied per acre per year.

FOREST SITE PREPARATION

GENERAL INFORMATION

DICAMBA MAX 4 may be used for control of undesirable conifers as well as manybroadleaf weeds, vines, brambles, hardwood brush, and trees in forest site preparation.DICAMBA MAX 4 may be applied as broadcast foliar sprays from ground or aerial equipment.DICAMBA MAX 4 is absorbed through the leaf surfaces quickly after spraying and will also be absorbed from the soil by the roots. Translocation through the leaves, stems, and roots provides control of undesirable young conifer and broadleaf species. Woody plants, brush, and trees may not display the full extent of herbicide efficacy until several months following treatment.DICAMBA MAX 4 provides application flexibility for extended windows of application and tank mix options (refer to **Mixing and Application Instructions and Tank Mix Options**).

MIXING AND APPLICATION INSTRUCTIONS

Ground Operated Spray Equipment

Thoroughly mix and apply the recommended amount of DICAMBA MAX 4 (2 qts./A maximum) in a minumum of 15 gals.of water per acre.Spray solution should uniformly cover undesirable foliage for best results.A suitable nonionic surfactant should be added to the spray solution to enhance foliage wetting, spreading, and solution absorption.Drift control and foam reducing agents may be added at recommended rates, if needed.Spray pattern indicator agents may also be added at recommended rates, if desired.DO NOT spray under windy or gusty conditions. Maintain proper buffer zones to ensure drift does not reach off-target vegetation.

Aerial Spray Equipment

Thoroughly mix the recommended amount of DICAMBA MAX 4 (2 qts./ maximum) in a minimum of 10 gals.of water per acre and uniformly apply with properly calibrated aerial equipment. A suitable non-onic surfactant should be added to the spray solution to enhance wetting, spreading, and solution absorption. All precautions should be taken to minimize or eliminate spray drift. Drift

control and foam control agents may be added at recommended rates, if needed.

Tank Mix Options
For extended range of species control, tank mix DICAMBA MAX 4 with other forestsite preparation products such as Arsenal, Garlon, Accord, etc. Observe all precautions and restrictions on the product labels. Always follow the most restrictive label in a tank mix.

CONSERVATION RESERVE PROGRAM (CRP) ACRE
DICAMBA MAX 4 is recommended for use on both newly seeded and established grasses grown in Conservation Reserve or Federal Set-Aside Programs.

Observe all PRECAUTIONS, MIXING AND APPLICATION directions above.

DICAMBA MAX 4 treatmsnt will cause injury or may kill alfalfa, clovers, lespedeza, wild winter peas, vetch, and other legumes.

Agriculturally approved surfactants may be added to the spray mixture to improve postemergence weed control, particularly in dry growing conditions.

Do not use adjuvants containing penetrants such as petroleum based oils after grass emergence on newly seeded grasses.

NEWLY SEEDED AREAS
DICAMBA MAX 4 may be applied either preplant or postemergence to newly seeded grasses or small grains such as barley, oats, rye, sudangrass, wheat, or other grain species grown as a cover crop. Postemergence applications may be made after seedling grasses exceed the 3 leaf stage. Rates of DICAMBA MAX 4 greater than 1 pint per treated acre may severely injure newly seeded grasses. Preplant applications – injury to new seedlings may occur if intervals between application and grass planting is less than 45 days per pint of DICAMBA MAX 4 per treated acre West of the Mississippi River or 20 days per pint East of the Mississippi River.

ESTABLISHED GRASS STANDS
Established grass stands are perennial grasses planted one or more seasons prior to treatment. Certain species: bentgrass, carpetgrass, smooth brome, buffalograss or St.Augustine grass may be injured when treated with DICAMBA MAX 4 at rates exceeding 1 pint per treated acre.

WEEDS CONTROLLED
DICAMBA MAX 4 when applied at recommended rates, will control many annual and biennial weeds and provide control and suppression of many perennial weeds.(Refer to GENERAL WEED LIST on this label.)

RATES AND TIMINGS
Application rates and timing of DICAMBA MAX 4 treatment are given below. Use the higher rate of the rate range when vegetation is either dense or tall, or when weeds are growing under stressed conditions such as drought or cool temperature.

Weed Type* & Stage	Broadcast Rate Per Treated Acre	
	Amount of Formulated DICAMBA MAX 4	Equivalent lbs.a.i.
Annuals Small actively growing Established weed growth	pints 1/4 to 1 1	 1/8 to 1/2 1/2
Biennials** Rosette diameter a) less than 3 inches b) 3 inches or greater c) bolting biennial	 1/2 to 1 1 to 2 2 to 3	 1/4 to1/2 ½ to 1 1 to 1 ½
Perennials** Suppression/Control	2 to 4	1 to 2

* For best results, treat Biennial weeds with DICAMBA MAX 4 when they are in the rosette stage of growth. Retreatments may be made as needed; however, DO NOT EXCEED A TOTAL OF 2 QUARTS (2 lbs.a.i.) of DICAMBA MAX 4 per treated acre during the growing season.
** Biennial and Perennial weeds will require follow-up (sequential) treatments for seedling control and escapes.

TANK MIX TREATMENTS
To control grasses and additional broadleaf weeds, DICAMBA MAX 4 may be tank mixed with other herbicides registered for use in Conservation Reserve Programs such as 2,4-D, glyphosate (Roundup®), paraquat (Gramoxone®), metsulfuron (Ally®) and others.

READ AND FOLLOW THE LABEL OF EACH TANK MIX PRODUCT USED FOR PRECAUTIONARY STATEMENTS, DIRECTIONS FOR USE, APPLICATION RATES, AND OTHER RESTRICTIONS.

ASPARAGUS
IMPORTANT
Observe all PRECAUTIONS on this label. Read and follow MIXING AND APPLICATION instructions on this label.

If spray contacts emerged spears, crooking (twisting) of some spears may result. If such crooking occurs, discard affected spears.

Do not harvest prior to 24 hours after treatment.

Do not use in the Coachella Valley of California.

Multiple applications may be made per growing season. Do not exceed a total of 1 pint of

DICAMBA MAX 4 per treated acre per crop year.

RATES AND TIMINGS
Apply DICAMBA MAX 4 to emerged and actively growing weeds in 40 to 60 gallons of diluted spray per treated acre immediately after cutting the field, but at least 24 hours before the next cutting.

Weeds	Rate per Treated Acre
Mustard, Black Pigweed Redroot (Carelessweed) Sowthistle, Annual *Thistle, Canada Thistle, Russian	1/2 to 1 pt. (1/4-1/2 lb.a.i.)
*Bindweed, Field Chickweed, Common Goosefoot, Nettleleaf Radish, Wild Thistle, Milk	1 pt. (1/2 lb.a.i.)

DICAMBA MAX 4 may be applied in a tank mixture with either 2,4-D or Roundup Herbicide for improved control of noted (*) weeds. READ AND FOLLOW 2,4-D AND ROUNDUP HERBICIDE PRODUCT LABELING FOR PRECAUTIONARY STATEMENTS, DIRECTIONS FOR USE, APPLICATION RATES AND TIMINGS, AND OTHER RESTRICTIONS.

TURF AND LAWNS
FOR USE IN GENERAL FARMSTEAD (Non-Cropland) AND SOD FARMS
IMPORTANT
Observe all PRECAUTIONS above. Read and follow MIXING AND APPLICATION instructions above.

To avoid injury to newly seeded grasses, application of DICAMBA MAX 4 should be delayed until after the second mowing. Furthermore, application rates in excess of 1 pint (1/2 lb.a.i.) per treated acre may cause noticeable stunting or discoloration of sensitive grass species such as bentgrass, carpetgrass, buffalograss, and St. Augustine grass.

In areas where roots of sensitive plants extend, do not apply in excess of 1/4 pint (1/8 lb.a.i.) of DICAMBA MAX 4 per treated acre on coarse textured (sandy-type) soils, or in excess of 1/2 pint (1/4 lb.a.i.) per treated acre on fine textured (clay-type) soils. Do not make repeat applications in these areas of 30 days and until previous applications of DICAMBA MAX 4 have been activated in the soil by rain or irrigation.

WEEDS CONTROLLED
DICAMBA MAX 4 when applied at recommended rates, will give control of many ANNUAL, BIENNIAL, and noted (*) PERENNIAL broadleaf weeds commonly found in turf. DICAMBA MAX 4 will also give growth suppression of many other listed PERENNIAL broadleaf weeds and WOODY brush and vine species.(Refer to GENERAL WEED LIST on this label).

MIXING AND APPLICATION
Apply 30 to 200 gallons of diluted spray per treated acre (3 qts.to 4 ¼ gals.per 1,000 sq.ft.) depending on density or height of weeds treated and on the type of equipment used.

RATES AND TIMINGS
Use the higher level of listed rate ranges when treating dense vegetative growth.

	DICAMBA MAX 4		
Weed Stage & Type	**Pints per treated acre**	**lbs. a.i.per treated acre**	**Teaspoons per 1,000 sq.ft.**
Annual Small, actively growing Established weed growth	1/2 to 1 1 to 1 1/2	1/4 to 1/2 1/2 to 3/4	1 to 2 1/4 2 1/4 to 3 1/4
Biennial Rosette diameter less than 3 inches 3 inches or more	1/2 to 1 1 to 2	1/4 to 1/2 1/2 to 1	1 to 2 1/4 2 1/4 to 4 1/2
Perennials and Woody Brush and Vines	1 to 2	1/2 to 1	2 1/4 to 4 1/2

For best performance, apply when weeds are emerged and actively growing.

Retreatments may be made as needed; however, do not exceed a total of 2 pints (1 lb.a.i.) DICAMBA MAX 4 per treated acre during the growing season.

TANK TREATMENTS
READ AND FOLLOW THE LABEL OF EACH TANK MIX PRODUCT USED FOR PRECAUTIONARY STATEMENTS, DIRECTIONS FOR USE, APPLICATION RATES AND TIMINGS, AND OTHER RESTRICTIONS.

Tank mix treatments of DICAMBA MAX 4 may be made with 2,4-D, MCPA, MCPP, or bromoxynil for control of additional weeds listed on the tank mix product.

Apply 1/5 to 1/2 pint (1/10-1/4 lb.a.i.) of DICAMBA MAX 4 per treated acre with 1/2 to 1 1/2 lbs.acid equivalent of 2,4-D, MCPA, or MCPP, or with 3/8 to 1/2 lb.a.i.of bromoxynil.Use the higher level of the listed rate ranges when treating established weeds.Repeat treatments may be made as needed; however, do not exceed 2 pints (1 lb.a.i.) of DICAMBA MAX 4 per treated acre during the growing season.

GRASS SEED CROPS
GRASSES GROWN FOR SEED SUCH AS BERMUDAGRASS, BLUEGRASS, FESCUE AND RYEGRASS

IMPORTANT
Observe all PRECAUTIONS on this label. Read and follow MIXING AND APPLICATION Instructions this label.

Refer to PASTURE, HAY, RANGELAND, AND GENERAL FARMSTEAD (Non-Cropland) section for possible grazing and feeding restrictions.

Do not use on bentgrass unless possible crop injury can be tolerated.

WEEDS CONTROLLED
DICAMBA MAX 4 will provide control or suppression of annual broadleaf weeds listed below. For improved control of listed weeds plus additional weeds, it is recommended that DICAMBA MAX 4 be applied in a tank mix with other herbicides.

Alfalfa[1]	Hemlock, Poison
Bedstraw, Catchweed	Knapweed, Russian[1]
Bindweed, Field	Knawel
Buttercup, Corn	Knotweed, Prostrate
Buttercup, Creeping	Kochia
Buttercup, Western Field	Ladysthumb
Catchfly, Nightflowering	Lambsquarters, Common
Chamomile, Corn	Lettuce, Prickly
Chickweed, Common	Mayweed (Dogfennel)
Chickweed, Mouseear	Ragwort, Tansy
Clover	Sorrel, Red (Sheep Sorrel)
Cockle, White	Sowthistle, Annual
Dock, Broadleaf	Starwort, Little
Dock, Curly	Thistle, Canada[1]

[1]Top growth only.

RATES AND TIMINGS
Apply ½ pint of DICAMBA MAX 4 per treated acre on SEEDLING GRASS after the crop reaches the 3-5 leaf stage. Apply up to 2 pints of DICAMBA MAX 4 on well-established Perennial grass. DO NOT APPLY AFTER THE GRASS SEED CROP BEGINS TO JOINT. For best performance, make applications when weeds are in the 2-4 leaf stage and rosettes are less than 2 inches across. Use the higher level of listed rate ranges when treating more mature weeds or dense vegetative growth.

TANK MIX TREATMENTS
For control of grasses or additional broadleaf weeds, DICAMBA MAX 4 may be tank mixed with all broadleaf herbicides registered for use in Grass Seed Production. Read and follow the label of each tank mix product used for precautionary statements, directions for use, weeds controlled, and geographic and other restrictions.

BROADCAST RATE PER TREATED ACRE:
Apply ½ to 2 pints DICAMBA MAX 4 with:

Product	Active Ingredient	Formulation	Amount of Product Per Acre
2,4-D Amine or Ester	2,4-D	4 lb/gal	1-4 pts. (.5-2.0 lb. a.i/A)[1]
MCPA Amine	MCPA	4 lb/gal	1-2 pts. (.5-1.0 lb. a.i./A)[1]
Buctril®	Bromoxynil[2]	2 lb/gal	1-2 pts.

Curtail®	Clopyralid+2,4-D	2.38 lb/gal	1 3/4-4 pts.
Karmex®	Diuron[2]	80% DF	2-4 lbs.
Stinger®	Clopyralid	3 lb/gal	¼-1 pt.

[1]When using formulations other than 4 lb/gal use pounds active/acre listed.
[2]Herbicides with the same common name and/or different formulations may be.

ANNUAL GRASS CONTROL
For suppression of ANNUAL GRASS WEEDS such as:

Brome, Downy (Cheatgrass)
Brome, Ripgut
Fescue, Rattail
Windgrass

Apply up to 4 pints of DICAMBA MAX 4 per treated acre in the fall or late summer after harvest and burning of established grass seed crops. Applications should be made immediately following the first irrigation when the soil is moist and before weeds have more than 2 leaves.

PREPLANT DIRECTIONS
(POST HARVEST/FALLOW/CROP STUBBLE/SET-A-SIDE)
FOR BROADLEAF WEED CONTROL BEFORE WHEAT, CORN, SORGHUM, SOYBEANS

IMPORTANT
Observe all precautions. Read and follow mixing and application instructions.

WEEDS CONTROLLED
DICAMBA MAX 4 may be applied along or in tank mix combinations with other herbicides registered for this use.

DICAMBA MAX 4 can be applied either POST HARVEST in the fall, spring or summer during the FALLOW period or to CROP STUBBLE/SET-A-SIDE acres. DICAMBA MAX 4 when applied at the recommended rates, will control many ANNUAL broadleaf weeds, see the WEED CONTROLLED section under small grains. In addition, DICAMBA MAX 4 will control or suppress the following BIENNIAL and PERENNIAL broadleaf weeds:

Alfalfa[1]	Knapweed, Spotted
Artichoke, Jerusalem	Nightshade, Silver
Bindweed, Field	Redvine
Bindweed, Hedge	Smartweed, Swamp
Blueweed, Texas	Sowthistle, Perennial[1]
Bursage (Bur Ragweed, Povertyweed, Lakeweed)[1]	Spurge, Leafy
	Thistle, Bull
Dandelion, Common[1]	Thistle, Canada[2]
Dock, Curly[1]	Thistle, Milk
Dogbane, Hemp	Thistle, Musk
Garlic, Wild[2]	Thistle, Plumeless
Horsenettle, Carolina	Thistle, Scotch
Knapweed, Diffuse	Trumpetcreeper (Buckvine)

[1]Perennials may be controlled using DICAMBA MAX 4 at rates lower then those recommended for other listed perennials weeds. (See RATES AND TIMINGS under this heading).

[2]See the SPECIAL TANK MIX TREATMENTS section under this heading for specific control program for these weeds.

RATES AND TIMINGS

Apply DICAMBA MAX 4 as a broadcast or spot treatment to emerged and actively growing weeds after crop harvest (post harvest) and before a killing frost or in the fallow cropland or cropland or crop stubble the following spring or summer. Agriculturally approved spray additives, such as surfactants or oils, may be used to enhance spray coverage and the herbicides penetration of weed foliage. See CROPPING RESTRICTIONS for recommended interval between application and planting to prevent crop injury.

For best performance, make application when ANNUAL weeds are less than 6 inches tall, when BIENNIAL weeds are in the rosette stage and to PERENNIAL weed regrowth in late summer or fall following a mowing or tillage treatment. Most effective control of upright PERENNIAL broadleaf weeds, such as Canada thistle and Jerusalem artichoke, occurs if application is made when the majority of weeds, such as field bindweed and hedge bindweed, are best controlled when weeds are in or beyond the full bloom stage.

Avoid disturbing treated areas following application. Treatments may not kill weeds which develop from seed or underground plant parts, such as rhizomes or bulblets, after the effective period for DICAMBA MAX 4 Food seedling control, a follow-up program or other cultrual practices could be instituted. For small grain in-crop uses of DICAMBA MAX 4 see the RATES AND TIMINGS section under the SMALL GRAINS heading for details.

DICAMBA MAX 4 RATES PER TREATED ACRE:

Weed Type	Amount of Product Per Treated Acre
Annual	1/2 - 1 pts.(8 to 16 fl oz)
Biennial	1 - 2 pts.(16 to 32 fl oz)
Perennial	1 - 4 pts.(16 to 64 fl oz)
Perennial suppression	1 - 2 pts.(16 to 32 fl oz)
Noted [1] perennials	2 - 4 pts.(32 to 64 fl oz)
Other perennials	4 pts.(64 fl oz)

Retreatments may be made as needed; however, do not exceed a total of 4 pints of DICAMBA MAX 4 per treated acre during any given fallow period.

TANK MIX TREATMENTS

DICAMBA MAX 4 may be tank mixed with one or more of, but not limited to, the following herbicides for control of grasses or additional broadleaf weeds. Read and follow the label of each tank mix product used for precautionary statements, directions for use, rates and timings, weeds controlled and geographic or other restrictions.

DICAMBA MAX 4 BROADCAST RATE PER TREATED ACRE FOR ANNUAL WEED CONTROL:

Apply 1/4 to 4 pints of DICAMBA MAX 4 with:

Product	Active Ingredient	Formulation	Amount of Product per acre
Aatrex® 4L[1]	Atrazine	4 lb./gal.	0.5 - 6 pts
Aatrex® Nine-O[1]	Atrazine	90% DF	0.5 - 3.3 lbs.
Amber®[2]	Trisulfuron	75% DF	0.28 - 0.35 oz.
Ally®[2]	Metsulfuron-methyl	75% DF	0.1 oz.
Bladex®[1]	Cyanazine	90% DF	2.7 - 3.6 lbs.
Cyclone®	Paraquat	2 lb/gal	1 - 2 pts.
Fallowmaster®	Glyphosate + Dicamba	1.6 lb/gal	22 - 44 fl.oz.
Finesse®[2]	Chlorsulfuron + Metsulfuron-methyl	75% DF	0.2 oz.
Gramoxone® Extra	Paraquat	2.5 lb/gal	1.5 pts.
Kerb®[1]	Pronamide	50-W	0.5 - 1.0 lb
Landmaster ®BW	Glyphosate + 2,4-D	2.4 lb/gal	27 - 54 fl oz.
Roundup® or Roundup® RT	Glyphosate	3 lb/gal	8 - 48 fl oz
Sencor® DF[1]	metribuzin	75% DF	0.5 - 1 lb.
Sencor® 4[1]	metribuzin	4 lb/gal	0.75 - 1 1/2 pts.
2,4-D	2,4-D	4 lb/gal	1 -2 pts. (0.5 - 1 lb al/A)[3]

[1]Tank mixes of DICAMBA MAX 4 with these products may be subject to special restrictions. See the Product Label of the tank mix partner for intended use rates, restrictions and other precautions.

[2]When tank mixing with sulfonylurea herbicides refer to the product label for rates and restrictions. Use a surfactant of at least 80% active ingredient at the rate of 1 - 2 quarts/100

gallons of spray or not more than 0.25 - 0.5% by volume.Use the highest rate of surfactant when using the lower rate ranges of the tank mix and/or when treating more mature weeds or dense vegetative growth. Sulfonylurea resistant weeds may not be controlled by tank mixes of DICAMBA MAX 4 and a sulfonylurea. Refer to the DICAMBA MAX 4 tank mix section for alternative tank mixes.
[3]When using formulations other than 4 lb/gal, use pounds active/acre listed.

DICAMBA MAX 4 BROADCAST RATE PER TREATED ACRE FOR BIENNIAL AND PERENNIAL WEED CONTROL:
Apply 1 to 4 pints of DICAMBA MAX 4 with:

Product	Active Ingredient	Formulation	Amount of Product Per Acre
Curtail®	Clopyralid + 2,4-D	2.38 lb/gal	2 - 4 pts.
2,4-D	2,4-D	4 lb/gal	2 - 6 pts. (1.0 – 3 lb a.i./A)[1]
Landmaster® BW	Glyphosate + 2,4-D	2.4 lb/gal	54 fl oz.
Roundup®	Glyphosate	3.0 lb/gal	1 - 5 qts.
Roundup® RT	Glyphosate	3.0 lb/gal	1 - 5 qts.
Tordon® 22K	Picloram	2 lb/gal	1/2 - 1 pt.

[1]When using formulations other than 4 lb/gal use pounds active/acre listed.

SPECIAL TANK MIX TREATMENTS
For suppression of perennial weeds, apply 1/2 - 1 pints of DICAMBA MAX 4 with 8 to 16 fluid ounces of Roundup Herbicide or Roundup RT per treated acre.

For wild garlic control, apply 1 pint DICAMBA MAX 4 with 3 pints of 2,4-D LV Ester (4 lb/gal) per treated acre. Apply when wild garlic is 4 to 8 inches tall.

For Canada thistle control, use DICAMBA MAX 4 DICAMBA MAX 4 plus Curtail®, or DICAMBA MAX 4 plus Roundup® Herbicide or Roundup® RT tank mix treatments.

Application may be made during fallow periods for control of volunteer barley, bulbous bluegrass, downy brome, jointed goatgrass, common rye and volunteer wheat when they are actively growing. Use 1 pint DICAMBA MAX 4 with 1/2 to 1 lb Kerb® 50W. Fall seeded wheat may be planted 9 months or more after application. For best performance, make application between mid-October and mid-December, prior to soil freeze up.

During fallow periods, apply DICAMBA MAX 4 plus Landmaster® BW or Fallowmaster® Herbicide to give improved control of kochia, wild buckwheat, prickly lettuce, field bindweed and Canada thistle. Use 1/8 - 1/4 pint DICAMBA MAX 4 plus 22 - 54 fluid ounces of Landmaster® BW or Fallowmaster® Herbicide for annual weed control or 1/4 - 1/2 pint ORACLE plus 22 - 54 fluid ounces of Landmaster® BW or Fallowmaster® Herbicide for perennial weed suppression.

CROPPING RESTRICTIONS
The following recommendations are based on DICAMBA MAX 4 use rates up to 4 pints per treated acre.

CORN, SORGHUM and SOYBEANS may be planted in the spring following applications made during the previous year.If less than 1 inch of rainfall occurs between application and first killing frost, treated areas should be cultivated to allow herbicide to come in contact with moist soil. Cultivation may take place before or immediately after ground thaw.

Soybean injury may occur if the interval between application and planting is less than specified. In areas with greater than 30 inches of rainfall, delay planting for 30 days per pint of DICAMBA MAX 4 per treated acre.In areas with less than 30 inches of rainfall, delay planting for 45 days per pint of
DICAMBA MAX 4 per treated acre.Exclude days when ground is frozen.

WHEAT may be planted in the fall or spring following applications. Also, spot applications may be made any time prior to crop emergence if crop injury can be tolerated in treated areas. Wheat injury may occur if the interval between application and planting is less than specified.

East of the Mississippi River, the interval is 20 days per pint of DICAMBA MAX 4 per treated acre or 1.25 days per 1 ounce. Moisture is essential for DICAMBA MAX 4 degradation. Exclude days when ground is frozen.

West of the Mississippi River, the interval is 45 days per pint of DICAMBA MAX 4 per treated acre or 3 days per ounce. Moisture is essential for DICAMBA MAX 4 degradation. Exclude days when ground is frozen.

Following a normal harvest of barley, oats, or wheat, any rotational crop may be planted. If the interval before harvest is shortened, such as when cover crops will be plowed under, do not follow up with the planting of a sensitive crop.

CONTROL OF PERENNIAL BROADLEAF WEEDS IN CROPLAND (SPOT APPLICATION ONLY)
FOR USE ONLY IN THE STATES OF IDAHO,MONTANA,NEVADA, OREGON,UTAH,AND WASHINGTON

IMPORTANT
Observe all PRECAUTIONS on this label.Read and follow MIXING AND APPLICATION instructions.

Do not treat subirrigated cropland or areas where the soil remains saturated with water throughout the year.

Make only one application of DICAMBA MAX 4 per year.

WEEDS CONTROLLED
DICAMBA MAX 4 when applied at recommended rates, will control many broadleaf weeds including:

Bindweed, Field
Dock, Broadleaf (Bitterdock)
Dock, Curly
Knapweed, Black
Knapweed, Russian
Ragwort, Tansy
Spurge, Leafy
Thistle, Canada

RATES AND TIMINGS

DICAMBA MAX 4 may be applied at any time following a crop harvest to stubble fallow or other cropland. Application should be made when weeds are actively growing and prior to a killing frost.

Apply 2 qts.(2 lbs.a.i.) of DICAMBA MAX 4 per treated acre. Application may be made up to one month prior to the planting of wheat.

NOTE: Do not use unless injury to wheat or rotated barley will be acceptable.

Barley, oats, corn, sorghum (milo), annual or perennial grass crops may be planted into treated areas one year after application. Crops grown for seed (other than perennial grass seed) should not be planted into treated areas until three years after application. Do not plant broadleaf crops such as alfalfa, beans, peas, potatoes, or sugarbeets into treated areas until two years after application.

In most cases, treatments will not kill perennial weed seedlings which germinate from seed one or two years after treatment. Once the effect of the chemical has been lost, a follow-up program for seedling control or other cultural practices should be instituted.

WIPER APPLICATION USES

IMPORTANT
Observe all PRECAUTIONS on this label.

DICAMBA MAX 4 may be applied through wiper application equipment to control or suppress actively growing broadleaf weeds, brush and vines.Use a solution containing 1 part DICAMBA MAX 4 to 1 part water. Do not contact desirable vegetation with herbicide solution.Wiper application should only be made to crops (including pastures) and non-cropland areas described in this label with the exception of Grain Sorghum (Milo).

STORAGE AND DISPOSAL

PROHIBITIONS
Do not contaminate water, food or feed by storage or disposal.

STORAGE
Store in original container in a well-ventilated area separately from fertilizer, feed and foodstuffs.Avoid cross-contamination with other pesticides.Spillage or leakage should be contained and absorbed with clay granules, sawdust, or equivalent material for disposal.

PESTICIDE DISPOSAL
Triple rinse pesticide from containers and use rinsates in the pesticide application. Wastes which cannot be used according to label instructions may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL
Plastic or Metal: After triple rinsing (or equivalent) offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities, such as burning of plastic containers. If burned, stay out of smoke.

BULK STORAGE AND DISPOSAL: To be printed on labeling for bulk use only.

AGITATE BEFORE USE

STORAGE AND DISPOSAL

PROHIBITIONS
Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited. This product may not be mixed, loaded, or used with 50 feet of all wells including abandoned wells, drainage wells, and sinkholes.

STORAGE
Ground water contamination may be reduced by diking and flooring of permanent liquid bulk storage sites with an impermeable material.

PESTICIDE DISPOSAL
Pesticide spray mixture or rinsate that cannot be used according to label instructions must be disposed of according to Federal and local procedures under Subtitle C or the Resource Conservation and Recovery Act.

BULK TANK MAINTENANCE
Follow clean-out directions in Dealer Bilk Handling Guide for LEGEND 4L listed under Bulk Storage Tank Requirements.

GENERAL
Consult Federal, State or local disposal authorities for approved alternative procedures, such as limited burning.

NOTICE OF WARRANTY AND DISCLAIMER

Seller warrants that at the time of delivery the product in this container conforms to its chemical description contained hereon and is reasonably fit for its intended purpose under normal conditions of use.This is the only warranty made on this product.Seller expressly disclaims any implied warranties of merchantability or fitness for any particular purpose and, except as set forth above, any other express or implied warranties. Any damages arising from breach of warranty or negligence shall be limited to direct damages not exceeding the purchase price paid for this product by Buyer, and shall not include incidental or consequential damages such as, but not limited to, loss of profits or values. It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness, or other unintended consequences may result because of such fac tors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of the Seller. In no case shall Seller be liable for the consequential, special or indirect damages resulting from the use or handling of this product. All such risks shall be assumed by the Buyer. Buyer acknowledges the use of its own independent skill and expertise in the selection and use of the product and does not rely on any oral or written statements or representations.

J. Oliver Products, LLC
3187 Robertson Gin Rd.
Hernando, MS 38632

EPA Reg.No.:83222-14
EPA Est.No..

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Guardsman and Marksman are Restricted Use Pesticides.

(EPA Appr 05-25-04)

NOTIFICATION

JAN 3 0 2009

BIOLOGIC INC.
agribusiness professionals

December 9, 2009

Document Processing Desk
Office of Pesticide Programs (7504P)
US Environmental Protection Agency
One Potomac Yard
2777 S. Crystal Drive
Room S-4900, 4th Floor
Arlington, VA 22202

Attention: Ms. Joanne Miller (PM #23)
RE: Dicamba AG; EPA Reg. No. 83222-14
Final Labeling

Dear Ms. Miller:

As per the EPA Notice of Pesticide Amendment Approval dated August 25, 2009 and October 1, 2009, please find enclosed the following:

1. One (1) copy of final labeling with the corrections made as requested by the Agency.

Should you have any questions, or wish to reach me, please feel free to contact our office at 203-740-1200.

Sincerely,

Jane M. Miller
Agent to J. Oliver Products, LLC

115 Obtuse Hill • Brookfield, Connecticut 06804 • USA
Voice: 203.740.1200 • Fax: 203.740.1220 • Email: lmiller@biologicconsulting.com

DICAMBA AG

HERBICIDE FOR WEED CONTROL IN CORN, COTTON, SORGHUM, SOYBEAN, SMALL GRAINS, PASTURE, HAY, RANGELAND, GENERAL FARMSTEAD (NON-CROPLAND), FALLOW, SUGARCANE, ASPARAGUS, TURF AND GRASS

ACTIVE INGREDIENT:	
Dimethylamine salt of dicamba (3,6-dichloro-O-anisic acid)*	49.2%
OTHER INGREDIENTS:	50.8%
TOTAL:	100.0%

*This product contains 40.0% 3,6-dichloro-o-anisic acid (dicamba) or 4 pounds per gallon (480 g/L).

KEEP OUT OF REACH OF CHILDREN
CAUTION

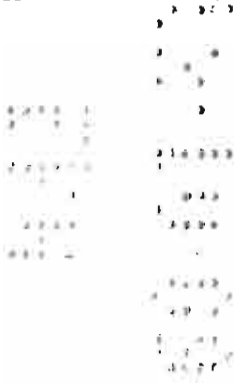
Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

IF SWALLOWED:	• Call a poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by a poison control center or doctor. • Do not give anything by mouth to an unconscious person.
IF IN EYES:	• Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present after the first 5 minutes, then continue rinsing eye. • Call poison control center or doctor for treatment advice.
IF ON SKIN OR CLOTHING:	• Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
HOT LINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-222-1222.	

EPA Reg. No. 83222-14

EPA Est. No. XXXXX-XX-XXX

Manufactured by:
J. OLIVER PRODUCTS, LLC
3187 Robertson Gin Road
Hernando, MS 38632



PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
CAUTION

CAUTION: Harmful if swallowed. Causes substantial but temporary eye injury. Do not get in eyes, on skin, or on clothing. Avoid breathing spray mist.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical-resistant to this product are made of any waterproof material. If you want more options, follow the instructions for category A on an EPA chemical-resistance category selection chart.

All mixers, loaders, applicators and other handlers must wear:
- Long-sleeved shirt and long pants,
- Shoes plus socks, and
- Chemical-resistant gloves (except for applicators using groundboom equipment, pilots, and flaggers).

See engineering controls for additional requirements.

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

ENGINEERING CONTROLS STATEMENTS

Pilots must use cockpit in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240 (d) (4-6)].

USER SAFETY RECOMMENDATIONS

Users should:
- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters or rinsate.

Apply this product only as directed on label.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 24 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water is:
- Coveralls worn over short-sleeve shirt and short pants
- Chemical-resistant footwear plus socks
- Chemical-resistant gloves made of any waterproof material
- Chemical-resistant headgear for overhead exposure
- Protective eyewear

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to the uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, in nurseries, in forests, or in greenhouses.

Do not enter or allow others to enter the treated areas until the spray has dried.

Before applying DICAMBA AG, read all directions and precautions appearing on the container label and in this booklet. Failure to follow all directions and precautions may result in unsatisfactory weed control, crop injury, or illegal residues.

PRODUCT INFORMATION

The following directions apply to all uses of DICAMBA AG. Additional precautions and restrictions will be found in each specific use section.

Do not treat irrigation ditches or water used for crop irrigation or domestic uses.

Do not apply this product through any type of irrigation system.

Do not excaed the maximum single application rate of 2 pints (1.0 lb. a.i.) DICAMBA AG per application with no more than 2 applications per year.

MIXING AND APPLICATION

UNLESS OTHERWISE SPECIFIED UNDER THE INDIVIDUAL USE HEADINGS OF THIS BOOKLET, THE FOLLOWING DIRECTIONS APPLY TO ALL CROP AND NON-CROP USES OF DICAMBA AG. REFER TO INDIVIDUAL USE SECTIONS FOR ADDITIONAL PRECAUTIONS, RESTRICTIONS, APPLICATION RATES AND TIMINGS.

DICAMBA AG is a water-soluble formulation that can be applied using water or sprayable fluid fertilizer as the carrier. If a fluid fertilizer is to be used, a compatibility test (See COMPATIBILITY TEST) should be made prior to tank mixing.

Ground or aerial application equipment, which will give good spray coverage of weed foliage, should be used. HOWEVER, DO NOT USE AERIAL APPLICATION EQUIPMENT IF SPRAY PARTICLES CAN BE CARRIED BY WIND INTO AREAS WHERE SENSITIVE CROPS OR PLANTS ARE GROWING OR WHEN TEMPERATURE INVERSIONS EXIST.

Apply 3 to 50 gallons of diluted spray per treated acre when using ground application equipment or 1 to 10 gallons of diluted spray per treated acre (2 to 20 gallons of diluted spray per acre for preharvest uses) in a water-based carrier when using aerial application equipment. Use the higher level of the listed spray volumes when treating dense or tall vegetation. Use coarse sprays.

Select nozzles designed to produce minimal amounts of fine spray particles. Spray with nozzles as close to the weeds as is practical for good weed coverage.

To avoid uneven spray coverage, DICAMBA AG should not be applied during periods of gusty wind or when wind is in excess of 15 mph.

Avoid disturbing (e.g., cultivating or mowing) treated areas for at least 7 days following application.

BEST STEWARDSHIP PRACTICES

DICAMBA AG provides effective broadleaf weed and brush control when properly applied. Best stewardship practices in all mixing, loading, and application operations not only maximize weed control, but also protect ground and surface waters and minimize off-target movement.

This chemical is known to leach through the soil into ground water under certain conditions as a result of agricultural use. Use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination.

GROUND AND SURFACE WATERS PROTECTION

1) Point source contamination - To prevent point source contamination, do not mix, load this pesticide product within 50 feet of wells (including abandoned wells and drainage wells), sink holes, perennial or intermittent streams and rivers, and natural or impounded lakes and reservoirs. Do not apply pesticide product within 50 feet of wells. This setback does not apply to properly capped or plugged abandoned wells and does not apply to impervious pad or properly diked mixing/loading areas as de-scribed below.

Mixing, loading, rinsing, or washing operations performed within 50 feet of a well are allowed only when conducted on an impervious pad constructed to withstand the weight of the heaviest load that may be on or move across the pad. The pad must be self-contained to prevent surface water flow over or from the pad. The pad capacity must be maintained at 110% that of the largest pesticide container or application equipment used on the pad and have sufficient capacity to contain all product spills, equipment or container leaks, equipment wash waters, and rainwater that may fall on the pad. The containment capacity does not apply to vehicles delivering pesticide shipments to the mixing/loading site. States may have in effect additional requirements regarding wellhead setbacks and operational containment.

Care must be taken when using this product to prevent: a) back siphoning into wells, b) spills or c) improper disposal of excess pesticide, spray mixtures or rinsates. Check valves or anti-siphoning devices must be used on all mixing equipment.

2) Movement by surface runoff or through soil - Do not apply under conditions which favor runoff. Do not apply to impervious substrates such as paved or highly compacted surfaces in areas with high potential for ground water contamination. Ground water contamination may occur in areas where soils are permeable or coarse and ground water is near the surface. Do not apply to soils classified as sand with less than 3% organic matter and where ground water depth is shallow (less than 8 feet in Arizona). To minimize the possibility of ground water contamination, carefully follow application rate recommendations as affected by soil type in the Product Information section of this label.

3) Movement by water erosion of treated soil - Do not apply or incorporate this product through any type of irrigation equipment nor by flood or furrow irrigation. Ensure treated areas have received at least one-half inch rainfall (or irrigation) before using tailwater for subsequent irrigation of other fields.

SENSITIVE CROP PRECAUTIONS

DICAMBA AG may cause injury to desirable trees and plants, particularly beans, cotton, flowers, fruit trees, grapes, ornamentals, peas, potatoes, soybeans, sunflowers, tobacco, tomatoes, and other broadleaf plants when contacting their roots, stems or foliage. These plants are most sensitive to DICAMBA AG during their development or growing stage. FOLLOW THE PRECAUTIONS LISTED BELOW WHEN USING DICAMBA AG.

- Do not treat areas where either possible downward movement into the soil or surface washing may cause contact of DICAMBA AG with the roots of desirable plants such as trees and shrubs.
- Avoid making applications when air currents may carry spray particles to areas where sensitive crops and plants are growing, or when temperature inversions exist. Do not spray near sensitive plants if wind is gusty or in excess of 5 mph and moving in the direction of adjacent sensitive crops. Leave an adequate buffer zone between area to be treated and sensitive plants. Coarse sprays are less likely to drift out of the target area than fine sprays.
- Use coarse sprays to avoid potential herbicide drift. Select nozzles, which are designed to produce minimal amounts of fine spray particles. Examples of nozzles designed to produce coarse sprays via ground application are Delavan Raindrops, Spraying Systems XR flat fans, or large capacity flood nozzles such as D10, TK10, or greater capacity tips. Keep the spray pressure at or below 20 psi and the spray volume at or above 20 GPA, unless otherwise required by the manufacturer of drift-reducing nozzles. Consult your spray nozzle supplier concerning the choice of drift-reducing nozzles.
- Agriculturally approved drift-reducing additives may be used.
- Do not apply DICAMBA AG adjacent to sensitive crops when the temperature on the day of application is expected to exceed 85°F as drift is more likely to occur.
- To avoid injury to desirable plants, equipment used to apply DICAMBA AG should be thoroughly cleaned (See PROCEDURE FOR CLEANING SPRAY EQUIPMENT) before reusing to apply any other chemicals.

All crop uses of DICAMBA AG are intended for a normal growing interval between planting and harvest. No crop rotation restrictions exist if normal harvest of treated crop has occurred. If this interval is shortened, such as in cover crops that will be plowed under, do not follow up with the planting of a sensitive crop.

Crops growing under stress conditions such as drought, poor fertility, or foliar damage due to hail, wind or insects, can exhibit various injury symptoms that may be more pronounced if herbicides are applied.

Consult your local or state authorities for possible application restrictions and advice concerning these and other special local use situations. Tank mix recommendations are for use only in states where the tank mix product and application site are registered.

BAND TREATMENTS

DICAMBA AG may be applied as a band treatment. Use the formulas below to determine the appropriate rate and volume per treated acre.

$$\frac{\text{Band width in inches}}{\text{Row width in inches}} \times \text{Broadcast RATE per treated acre} = \text{Band RATE per treated acre}$$

$$\frac{\text{Band width in inches}}{\text{Row width in inches}} \times \text{Broadcast VOLUME per treated acre} = \text{Band VOLUME per treated acre}$$

COMPATIBILITY TEST

Before mixing in the spray tank, it is advisable to test compatibility by mixing all components in a small container in proportionate quantities (see following table).

Amount of Herbicide to Add to One Pint of Spray Carrier
(Assuming Volume is 25 Gallons per Acre)

HERBICIDE FORMULATIONS	RATE PER ACRE	LEVEL TEASPOONS
Dry	1lb.	1 1/2
Liquid	1 pt.	1/2

If herbicide(s) do not ball-up or form flakes, sludge, gels, oily films or layers, or other precipitates, then the tested spray mix is compatible. Usually, incompatibility in any of the above-described forms will occur with 5 minutes after mixing.

If components are incompatible, the use of a compatibility agent is recommended. Rerun the above COMPATIBILITY TEST with a suitable compatibility agent (1/4 teaspoon is equivalent to 2 pints per 100 gallons of fluid fertilizer).

PROCEDURE FOR CLEANING SPRAY EQUIPMENT

The steps listed below are suggested for thorough cleaning of spray equipment following applications of DICAMBA AG or tank mixes of DICAMBA AG or tank mixes of DICAMBA AG plus 2,4-D amine.

1) Hose down thoroughly the inside as well as outside surfaces of equipment while filling the spray tank half full of water. Flush by operating sprayer until the system is purged of the rinse water.

2) Fill tank with water while adding 1 quart of household ammonia for every 25 gallons of water. Operate the pump to circulate the ammonia solution through the sprayer system for 15 to 20 minutes and discharge a small amount of the ammonia solution through the boom and nozzles. Let the solution stand for several hours, preferably overnight.

3) Flush the solution out of the spray tank through the boom.

4) Remove the nozzles and screens and flush the system with two full tanks of water.

The steps listed below are suggested for thorough cleaning of spray equipment used to apply DICAMBA AG as a tank mix with wettable powders (WP), emulsifiable concentrates (EC), or other types of water-dispersible formulations. DICAMBA AG tank mixes with water-dispersible formulations require the use of a water/detergent rinse.

5) Complete step 1.

6) Fill tank with water while adding 2 lbs. of detergent for every 40 gallons of water. Operate the pump to circulate the detergent solution through the sprayer system for 5 to 10 minutes and discharge a small amount of the solution through the boom and nozzles. Let the solution stand for several hours, preferably overnight.

7) Flush the detergent solution out of the spray tank through the boom.

8) Repeat step 1, and follow with steps 2, 3 and 4.

GENERAL WEED LIST

This is a general list of weeds which may be treated with DICAMBA AG in accordance with this label as recommended under the rates and timing sections of the Individual Use headings. Proper usage of this product will give control or growth suppression of many ANNUAL, BIENNIAL, and PERENNIAL broadleaf weeds, and many WOODY brush and vine species including:

ANNUAL			
Amaranth, Spiny (Spiny Pigweed)	Evening Primrose, Cutleaf	Pennycress, Field (Fanweed,	Sicklepod
Aster, Slender	Fleabane, Annual	Frenchweed, Stinkweed)	Sida, Prickly (Teaweed)
Bedstraw	Goosefoot, Nettleleaf	Pepperweed, Virginia	Smartweed, Green
Beggarweed, Florida	Henbit	(Peppergrass)	Smartweed, Pennsylvania
Broomweed, Common	Jimsonweed	Pigweed, Prostrate	Sneezeweed, Bitter
Buckwheat, Wild	Knotweed	Pigweed, Redroot (Carelessweed)	Sowthistle, Annual
Buffalobur	Kochia	Pigweed, Rough	Sowthistle, Spiny
Burclover, California	Ladysthumb	Pigweed, Smooth	Spikeweed, Common
Burcucumber	Lambsquarters Common	Pigweed (triazine resistant)	Spurge, Prostrate
Buttercup, Roughseed	Lambsquarters (triazine resistant)	Pigweed, Tumble	Spurry, Corn
Carpetweed	Lettuce, Prickly	Poorjoe	Starbur, Bristly
Catchfly, Nightflowering	Mallow, Common	Puncturevine	Sumpweed, Rough
Chamomile, Corn	Mallow, Venice	Purslane, Common	Sunflower, Common (Wild)
Chickweed, Common	Mare's Tail (Horseweed)	Pusley, Florida	Sunflower, Volunteer
Clovers (Annual)	Mayweed	Radish, Wild	Thistle, Russian
Cockle, Corn	Morning-glory, Ivyleaf	Ragweed, Common	Velvetleaf
Cockle, Cow	Morning-glory, Tall	Ragweed, Giant (Buffaloweed)	Waterhemp
Cocklebur, Common	Mustard, Tansy	Ragweed, Lance-Leaf	Waterprimrose, Winged
Croton, Tropic	Mustard, Wild	Rubberweed, bitter (Bitterweed)	Wormwood, Annual
Croton, Woolly	Mustard (Yellowtops)	Sesbania, Hemp	
Daisy, English	Nightshade, Black	Shepherdpurse	

BIENNIALS			
Burdock, Common	Geranium, Carolina	Plantain, Bracted	Thistle, Bull
Carrot, Wild	Gromwell	Ragwort, Tansy	Thistle, Milk
(Queen Anne's Lace)	Knapweed, Diffuse	Starthistle, Yellow	Thistle, Musk
Cockle, White	Knapweed, Spotted	Sweetclover	Thistle, Plumeless
Evening Primrose, Common	Mallow, Dwarf	Teasel	

PERENNIALS			
*Alfalfa	*Dock Broadleaf (Bitterdock)	Milkweed, Western Whorled	Sundrop, Halfshrub
Artichoke, Jerusalem	*Dock, Curly	Nettle, Stinging	(Evening Primrose)
Aster, Spiny	Dogbane, Hemp	Nightshade, Silverleaf	Thistle, Canada
Aster, Whiteheath	*Dogfennel (Cypressweed)	(White Horsenettle)	Toadflex, Dalmation
Beadstraw, Smooth	Fern, Bracken	Onion, Wild	Tropical Soda Apple
Bindweed, Field	Garlic, Wild	*Plantain, Broadleaf	Trumpetcreeper (Buckvine)
Bindweed, Hedge	Goldenrod, Canada	*Plantain, Buckhorn	Vetch
Blueweed, Texas	Goldenrod, Missouri	Pokeweed	Waterhemlock
*Bursage, (Bur Ragweed,	Goldenweed, Common	Ragweed, Western	Waterprimrose, Creeping
Lakeweed, Povertyweed)	Hawkweed	Redvine	*Woodsorrel, Creeping
Buttercup, Tall	Henbane, Black	Sericia Lespedeza	Common Yellow
Campion, Bladder	Horsenettle, Carolina	Smartweed, Swamp	Wormwood, Common
Chickweed, Field	Ironweed	Snakeweed, Broom	Wormwood, Louisiana
Chickweed (Mouseear,	Knapweed, Black	*Sorrel, Red (Sheep Sorrel)	*Yankeeweed
Canada)	Knepweed, Russian	Sowthistle	Yarrow, Common
Chicory	Milkweed, Climbing	Sowthistle, Perennial	
*Clover, Hop	Milkweed, Common	Spurge, Leafy	
*Dandelion, Common	Milkweed, Honeyvine		

*Noted perennials may be controlled using DICAMBA AG at rates lower than those recommended for other listed perennial weeds. (See application rates and timing sections in this label.)

WOODY			
Alder	*Dewberry	Locust, Black	Sagebrush, Fringed
Ash	*Dogwood	Maple	Sassafras
Aspen	Elm	Mesquite	Serviceberry
Basswood	Grape	Oak	Spicebush
Beech	*Hawthorn (Thornapple)	Oak, Poison	Spruce
Birch	Hemlock	Olive, Russian	Sumac
*Blackberry	Hickory	Persimmon, Eastern	*Sweetgum
*Blackgum	Honeylocust	Pine	Sycamore
*Cedar	Honeysuckle	*Plum, Sand (Wild Plum)	Tarbush
Cherry	Hornbeam	Poplar	Willow
Chinquapin	Huckleberry	Rabbitbrush	Witchhazel
Cottonwood	Huisache	*Redcedar, Eastern	*Yaupon
*Creosotebush	Ivy, Poison	*Rose, McCartney	*Yucca
Cucumbertree	Kudzu	*Rose, Multiflora	

*Growth suppression

FIELD, SEED*, POPCORN* AND SILAGE CORN

Observe all precautions, mixing, and application instructions as well as the following:

* Do not apply DICAMBA AG to seed corn or popcorn without first verifying with your local seed corn company (supplier) the Dicamba selectivity on your inbred line or variety of popcorn. This precaution will help avoid potential injury of sensitive varieties.

DICAMBA AG is not registered for use on sweet corn.

Direct contact of DICAMBA AG with corn seed must be avoided. If corn seeds are less than 1 1/2 inches below the surface, delay application until corn has emerged.

Up to 2 applications of DICAMBA AG may be made during a growing season. Do not exceed a total of 1 1/2 pints of DICAMBA AG per treated acre per crop year. Allow two weeks or more between applications of DICAMBA AG. See appropriate section for rate information. For combination options or sequential treatments, refer to appropriate section.

Applications of DICAMBA AG to corn during periods of rapid growth may result in temporary leaning. Corn will usually become erect within 3 to 7 days. Cultivation should be delayed until after corn is growing normally to avoid breakage.

Agriculturally approved surfactants or sprayable fertilizers (1/2 to 1 gallon per acre of 28%, 30% or 32% urea ammonium nitrate or 2.5 pounds per acre spray grade ammonium sulfate') may be added to the spray mixture to improve postemergence weed control, particularly in dry growing conditions.

Do not use adjuvants containing penetrants such as petroleum-based oils after crop emergence or crop injury may result.

Corn may be harvested or grazed for feed once the crop has reached the ensilage (milk) stage or later in maturity.

Several synthetic pyrethroid insecticides are labeled for tank mix applications of dicamba. Refer to their label for specific recommendations.

WEEDS CONTROLLED

DICAMBA AG will control many ANNUAL broadleaf weeds or give growth suppression of many PERENNIAL broadleaf weeds commonly found in corn. (Refer to the GENERAL WEED LIST).

For best performance, make application when weeds have emerged and are actively growing.

Preemergence control of cocklebur, velvetleaf, and jimsonweed may be reduced if conditions such as low temperature or lack of soil moisture cause delayed or deep germination of weeds.

PREPLANT/PREEMERGENCE IN NO-TILLAGE CORN

Applications of DICAMBA AG may be made before, during, or after planting to emerged and actively growing broadleaf weeds. Apply DICAMBA AG at 1 pint per treated acre on medium or fine textured soils containing 2% or greater organic matter. Use 1/2 pint per treated acre on coarse textured soils (sand, sandy loam, and loamy sand) or medium and fine textured soils with less than 2% organic matter.

When planting into a legume sod (e.g., alfalfa or clover), apply DICAMBA AG after 4 to 6 inches of regrowth has occurred.

PREEMERGENCE IN CONVENTIONAL OR REDUCED TILLAGE CORN

DICAMBA AG may be applied after planting and prior to corn emergence. Application at 1 pint per treated acre may be made to medium or fine textured soils, which contain 2% or greater organic matter. DO NOT apply to coarse textured soils (sand, sandy loam, and loamy sand) until after crop emergence (see Early Postemergence uses below).

Preemergence application of DICAMBA AG does not require mechanical incorporation to become active. A shallow mechanical incorporation is recommended if application is not followed by adequate rainfall or sprinkler irrigation. Avoid tillage equipment (e.g., drags, harrows) which concentrates treated soil over seed furrow.

EARLY POSTEMERGENCE (ALL TILLAGE SYSTEMS)
(Spike through 8-inch tall corn)

DICAMBA AG at 1 pint per treated acre may be applied during the period from corn emergence through the five leaf stage or 8 inches tall, whichever comes first. Reduce the rate to 1/2 pint per treated acre if corn is growing on coarse textured soils (sand, sandy loam, and loamy sand). See LATE POSTEMERGENCE APPLICATIONS given below if the 6th true leaf is emerging from whorl or corn is greater than 8 inches tall.

LATE POSTEMERGENCE (ALL TILLAGE SYSTEMS)
(8 to 36 inch tall corn)

Application of DICAMBA AG at 1 /2 pint per treated acre may be made from 8 to 36 inch tall corn or 15 days before tassel emergence, whichever comes first. For best performance, make applications when weeds are less than 3 inches tall.

Make directed spray application when (1) corn leaves prevent proper spray coverage; (2) sensitive crops are growing nearby; (3) tank mixing with 2,4-D.

DO NOT apply DICAMBA AG when soybeans are growing nearby if any of these conditions exist:

- corn is more than 24 inches tall
- soybeans are more than 10 inches tall
- soybeans have begun to bloom

OVERLAY (SEQUENTIAL)TREATMENTS

DICAMBA AG may be applied to ground previously treated with one or more of the following herbicides registered for use in corn:

acetochlor alachlor (Lasso® , Lasso MT®) atrazine Broadstrike® butylate (Sutan®) dimethenamid (Frontier®) EPTC	glyphosate halosulfuron (Battalion ®, Permit®, Lariat®) metolachlor paraquat pendimethalin propachlor (Ramrod ®) simazine

Apply DICAMBA AG at 1/2 pint per treated acre to ground previously treated with full rates of Clarity or Marksman herbicides. Allow at least 2 weeks between applications.

READ AND FOLLOW LABEL DIRECTIONS FOR EACH OF THE ABOVE PRODUCTS.

TANK MIX TREATMENTS FOR CORN

DICAMBA AG may be tank mixed with one or more of the following herbicides for control of grasses or additional broadleaf weeds. Read and follow the label of each tank mix product used for precautionary statements, directions for use, rates and timings, and other restrictions.

RATES AND TIMINGS					
DiCAMBA AG Plus	**Preplant/ Preemergent (No Tillage Corn)**	**Pre-emergent (Conventional or Reduced Tillage Corn)**	**Early Post-Emergent (All Tillage Systems)**	**Late Post-Emergent (All Tillage Systems)**	**Additional Directions**
Accent® (nicosulfuron)	-	-	1/2-1 oz a.i./A	1/2-1 oz a.i./A (To improve spray coverage of weeds and reduce risk of corn injury, use drop pipes to direct spray beneath corn leaves when corn is greater than 8 inches tall)	Application may be made to emerged weeds before corn is greater than 24 inches tall. Use non-ionic surfactant at .25% (v/v) with this tank mixture.
Atrazine	1 1/4-2 lbs a.i./A	1 1/4 -2 lbs a.i./A	1 1/4-2 lbs. a.i./A Crop oil concentrates may be used with this mixture if corn is 5 inches or less in height.	1 1/4-2 lbs. a.i./A Do not apply if corn is greater than 12 inches tall.	Application may be made before grasses are 1 1/2" tall. Follow all state and Federal restrictions pertaining to atrazine applications.
Beacon® (primisulfuron)	-	-	0.31-0.62 oz a.i./A	0.31-0.62 oz a.i./A (To improve spray coverage of weeds and reduce risk of corn injury, use drop pipes to direct spray beneath corn leaves when corn is greater than 8 inches tall)	Application may be made to emerged weeds when corn is 4 to 24 inches tall. Use non-ionic surfactant at 25% (v/v) with this tank mixture.
DiCAMBA AG Plus	**Preplant/ Preemergent (No Tillage Corn)**	**Pre-emergent (Conventional or Reduced Tillage Corn)**	**Early Post-Emergent (All Tillage Systems)**	**Late Post-Emergent (All Tillage Systems)**	**Additional Directions**
Metolachlor	1 1/2-3 lbs a.i./A	1 1/2-3 lbs a.i./A (Use only on fine or medium textured soils with 2 1/2% or greater organic matter.)	1 1/2-3 lbs. a.i./A	-	Application may be made before grasses reach the 2 leaf stage and before corn is greater than 3 inches tall.
Frontier® (dimethenamid)	13-25 fl oz/A	13-25 fl oz/A (Use only on fine or medium textured soils with 2.5% or greater organic matter.)	13-25 fl. oz./A	-	Application may be made up to 8 inch tall corn. This treatment must be combined with a herbicide that provides post-emergence control of grass weeds if they are greater than 1 inch tall at the time of application.
Frontier® 6.0 (dimethenamid)	16-32 fl oz/A	16-32 fl oz/A (Use only on fine or medium textured soils with 2.5% or greater organic matter.)	-	-	Application may be made up to 8 inch tall corn. This treatment must be combined with a herbicide that provides post-emergence control of grass weeds if they are greater than 1 inch tall at the time of application.
Paraquat	1/4-1 lb a.i./A	1/4-1 lb a.i./A	-	-	Application may be made to emerged weeds but prior to corn emergence.
Acetochlor	1 1/2-3 lbs a.i./A	1 1/2-3 lbs a.i./A (Use only on fine textured soils with greater than 2.5% organic matter)	-	-	Application should be made prior to corn emergence.

Lasso® (alachlor)	1 t/2-4 lbs a.i./A	1 1/2-4 lbs a.i./A (Use only on fine textured soils with greater than 2.5% organic matter.)	1 1/2-4 lbs a.i./A	-	Application may be made before grasses reach the 2 leaf stage and before corn is greater than 3 inches tall. If microencapsulated forms of alachlor are used (Lasso MT), applications must be made prior to grass emergence.
Simazine	2.0-3.0 lbs a.i./A	2.0-3.0 lbs a.i./A	-	-	Application may be made prior to corn or weed emergence.
Pendimethalin	-	3/4-1 t/2 lbs a.i./A (Use only on fine or medium textured soils with 2 1/2% or greater organic matter.)	3/4-1 1/2 lbs a.i./A	-	Application may be made immediately after planting but prior to weed emergence. Corn should not be beyond the 2 leaf stage of growth.
Glyphosate	1.0-3.0 lbs a.i./A	1.0-3.0 lbs a.i./A	-	-	Application may be made to emerged weeds but prior to corn emergence.
DICAMBA AG Plus	**Preplant/ Preemergent (No Tillage Corn)**	**Pre-emergent (Conventional or Reduced Tillage Corn)**	**Early Post-Emergent (All Tillage Systems)**	**Late Post-Emergent (All Tillage Systems)**	**Additional Directions**
Clopyralid	-	-	0.035-0.07 lb a.i./A	0.035-0.07 lb a.i./A	Application may be made any time after corn emergence through 24 inch tall corn. Use drop nozzles to direct spray after corn exceeds the 8 inch stage. Apply when the majority of the thistle-plants have emerged and are at least 4 inches in height, but before bud stage. Use higher rates listed for stand reduction or larger thistle plants or heavier infestations. Lower rates listed may provide seasonal thistle suppression only.
Pyridate	-	-	0.47 lb a.i./A	0.47 lb a.i./A	Application may be made to emerged, actively growing weeds. Directed applications are recommended when corn is large enough to prevent proper spray coverage.

2,4-D	1/4-1/2 lb a.i./A	1/4-1/2 lb a.i./A	Not recommended	1/8 lb a.i./A	Drop pipes are to be used when corn height is 8 inches or greater. Keeping the spray off the corn leaves and out of the whorl will reduce the likelihood of crop injury and improve spray coverage of weed foliage.

COTTON

EXCEPT CALIFORNIA

PREPLANTAPPLICATION: Apply up to 8 fluid ounces of DICAMBA AG per acre to control emerged broadleaf weeds prior to planting cotton in conventional or conservation tillage systems.

For best performance, apply DICAMBA AG when weeds are in the 2 - 4 leaf stage and rosettes are less than 2" across.

Following application of DICAMBA AG and a minimum accumulation of 1" of rainfall or overhead irrigation, a waiting interval of 21 days is required per 8 fluid ounces per acre or less. These intervals must be observed prior to planting cotton.

Do not apply preplant to cotton west of the Rockies.

Do not make DICAMBA AG preplant applications to geographic areas with average annual rainfall less than 25".

If applying a spring preplant treatment following application of a fall preplant (postharvest) treatment, then the combination of both treatments may not exceed 2 pounds acid equivalent per acre.

COTTON TANK MIXES

For control of grasses or additional broadleaf weeds, DICAMBA AG may be tank mixed with prometryn, paraquat, and glyphosate herbicides.

SORGHUM (MILO)

Observe all precautions, including the reference to crops growing under stress.

Read and follow mixing and application instructions.

Applications of DICAMBA AG to sorghum during periods of rapid growth may result in temporary leaning of plants or rolling of leaves. These effects are usually outgrown within 10 to 14 days.

Restrictions:

- **Pre-Harvest Interval (PHI) :**
  Grain sorghum (PHI): 30 days
  Fodder (PHI): 30 days
  Forage (PHI): 20 days
- Do not graze or feed treated sorghum forage or silage prior to mature grain stage. If sorghum is grown for pasture or hay, refer to the pasture use section of this label.
- Do not apply DICAMBA AG to sorghum grown for seed production.
- Make no more than one application per growing season.

WEEDS CONTROLLED

DICAMBA AG, when applied at the specified rate for sorghum, will control many actively growing ANNUAL broadleaf weeds and will reduce competition from established PERENNIAL broadleaf weeds as well as control their seedlings. (Refer to GENERAL WEED LIST).

RATES AND TIMINGS

DICAMBA AG may be applied to emerged and actively growing weeds at least 15 days prior to planting. Postemergence application of DICAMBA AG must be made after sorghum is in the spike stage (all sorghum emerged) but before sorghum is 15 inches tall. For best performance, make applications when sorghum is in the 3 to 5 leaf stage and weeds are small (less than 3 inches tall). Use drop pipes (drop nozzles) if sorghum is taller than 8 inches. Keeping the spray off the sorghum leaves and out of the whorl will reduce the likelihood of crop injury and improve spray coverage of weed foliage.

Broadcast rate per treated acre:
1/2 pint (1/4 lb. a.i.)

TANK MIX TREATMENTS

DICAMBA AG plus Atrazine:

For improved control of emerged, actively growing broadleaf weeds including triazine resistant species and added suppression of perennial broadleaf weeds, tank mix 1/2 pint DICAMBA AG with 0.5 to 1.25 lbs. a.i. atrazine per treated acre. For control of grasses (less than 1.5 inches tall), tank mix 1/2 pint DICAMBA AG with 2 lbs. a.i. atrazine per treated acre. For best performance and minimal crop injury, make application when sorghum is 3-8 inches tall and when broadleaf weeds are small (less than 6 inches tall). Application of atrazine must be made before sorghum is beyond 12 inches tall. The atrazine rate will depend upon soil texture and length of residual weed control desired. Follow all state and Federal restrictions pertaining to atrazine applications.

DICAMBA AG plus bromoxynil:

For improved control of broadleaf weeds, tank mix 1/2 pint DICAMBA AG with 1 - 1 1/2 pint bromoxynil herbicide per treated acre. Make application at 4 leaf to 15-inch tall sorghum. Use drop nozzles to direct spray beneath sorghum leaves when sorghum is greater than 8 inches tall.

READ AND FOLLOW THE LABEL OF EACH TANK MIX PRODUCT USED FOR PRECAUTIONARY STATEMENTS, DIRECTIONS FOR USE, APPLICATION RATES AND TIMINGS, AND OTHER RESTRICTIONS.

OVERLAY (SEQUENTIAL)TREATMENTS

DICAMBA AG may be applied to ground previously treated with one or more of the following herbicides:

Herbicide	Maximum Rate Per Treated Acre (lbs. a.i.)
alachlor (Lasso®)	4
atrazine[1]	2.5
metolachlor	2.5
propachlor (Ramrod®)	5

[1] Maximum use rate for atrazine is determined by soil type, tillage practices used, surface residue, and state or local restrictions. Follow the more restrictive requirements when determining the maximum use rate for atrazine.

PREHARVEST USES

FOR USE ONLY IN THE STATES OF TEXAS AND OKLAHOMA

DICAMBA AG may be applied for weed suppression any time after the sorghum has reached the soft dough stage. An agriculturally approved surfactant may be used to improve performance. For aerial applications use at least 2 gallons of water-based carrier per treated acre.

Delay harvest until 30 days after treatment.

Broadcast rate per treated acre:
1/2 pint (1/4 lb. a.i.)

SMALL GRAINS (WHEAT, BARLEY AND OATS) NOT UNDERSEEDED TO LEGUMES

IMPORTANT

Observe all precautions. Read and follow cleaning, mixing and application instructions.

Restrictions:

- **Pre-harvest interval (PHI) –**
  Grain (PHI): 7 days
- **If small grains are used for pasture or hay, the following restrictions apply:**
  Animals cannot be removed from treated area for slaughter prior to 30 days after last application.
  There is no waiting period between treatment and grazing for non-lactating dairy animals.
  Treated areas may not be grazed by lactating dairy animals before 7 days after treatment.
  Do not harvest hay from treated areas before 37 days after treatment.

NOTE: Observe all precautions and restrictions on the labels of products used in tank mix treatments.

WEEDS CONTROLLED

DICAMBA AG or combinations with listed tank mix partners will provide control or suppression of the annual broadleaf weeds listed below. For improved control of listed weeds, it is recommended that DICAMBA AG be applied in a tank mix with other herbicides. Refer to specific crop for tank mix options.

Alkanet [1]	Knawel (German Moss)	Pigweed, Tumble
Bedstraw, Catchweed [1]	Knotweed, Prostrate	Pineappleweed [1]
Bindweed, Field [2]	Kochia	Plantain, Broadleaf [2]
Buckwheat Tartary	Ladysthumb	Poppy, Red Horned [1]
Buckwheat, Wild	Lambsquarters, Common	Puncturevine [1]
Carpetweed [1]	Lettuce, Miners [1]	Purslane, Common
Chamomile, Corn	Lettuce, Prickly	Radish, Wild [1]
Chervil, Bur [1]	Mallow, Common	Ragweed, Common
Chickweed, Common [1]	Mayweed, Chamomile	Ragweed, Giant
Cockle, Corn	(Dogfennel) [1]	(Buffaloweed) [1]
Cockle, Cow	Mustard, Blue	Rocket, London [1]
Cocklebur, Common	(Purple) [1]	Rocket, Yellow [1]
Cornflower	Mustard, Tansy	Salsify (Goatsbeard) [1]
(Bachelorbutton) [1]	Mustard Treacle [1]	Shepherdspurse [1]
Dandelion, Common [2]	Mustard, Tumble	Smartweed, Green
Dock, Curly [2]	(Jim Hill) [1]	Smartweed, Pennsylvania
Dragonhead, American [1]	Mustard, Wild [1]	Sorrel, Red
Evening Primrose,	Nightshade, Black	(Sheep Sorrel) [1]
Cutleaf [1]	Nightshade, Cutleaf [1]	Sowthistle, Annual
Falseflax, Smallseeded [1]	Nightshade Silverleaf [2]	Starthistle, Yellow [1]
Fiddleneck, (Tarweed) [1]	(White Horsenettle)	Sunflower, Common (Wild)
Flixweed [1]	Pennycress, Field	Thistle, Canada [2]
Fumitory [1]	(Fanweed, Frenchweed,	Thistle, Russian
Gromwell, Corn [1]	Stinkweed)	Velvetleaf
Groundsel, Common [1]	Pepperweed, Peppergrass [1]	Vetch [1]
Hempnettle [1]	Pigweed, Redroot	Yarrow, Common [2]
Henbit	(Carelessweed)	
Jacobs Ladder [1]	Pigweed, Rough	

[1] These weeds will be controlled with DICAMBA AG tank mixtures. Refer to tank mix label for specific weeds controlled.

[2] DICAMBA AG tank mixes will provide suppression of established broadleaf weeds and control their seedlings.

RATES AND TIMINGS

Application of DICAMBA AG may be made before, during or after planting small grains. For best performance, make applications when weeds are in the 2-3 leaf stage and rosettes are less than 2 inches across. Application of DICAMBA AG to small grains during periods of rapid growth may result in crop leaning. This condition is temporary and will not reduce crop yields.

Use DICAMBA AG at 2 to 4 fluid ounces per treated acre in wheat, fall seeded barley, and oats, and at 2 to 3 fluid ounces per treated acre in spring seeded barley. Use the higher level of listed rate ranges when treating difficult to control weeds such as kochia, wild buckwheat, cow cockle, prostrate knotweed, Russian thistle, and prickly lettuce or when dense vegetative growth occurs.

DICAMBA AG used in a tank mix with other herbicides offers the best spectrum of weed control and herbicide tolerant or resistant weed management. Refer to specific crop for DICAMBA AG rate and application timing.

For applications prior to the emergence of weeds or when sulfonylurea resistant weeds are present or suspected, use a minimum of 3 fluid ounces per treated acre of DICAMBA AG with a tank mix herbicide. Non-sulfonylurea herbicides such as 2,4-D or MCPA tank mixed with DICAMBA AG will offer more consistent control of sulfonylurea resistant weeds.

When tank mixing with sulfonylurea herbicides, such as Ally ®, Amber ®, Express ®, ®, Glean® and Harmony ® Extra, use an agriculturally approved surfactant of at least 80% active ingredient at the rate of 1-4 pints/100 gallons of spray or not more than 0.25-0.5% by volume. Use the highest rate of surfactant when using the lower rate ranges of the tank mix and/or when treating more mature and difficult to control weeds or dense vegetative growth.

FALL AND SPRING SEEDED WHEAT

DICAMBA AG MUST BE APPLIED TO FALL SEEDED WHEAT PRIOR TO THE JOINTING STAGE. APPLICATIONS TO SPRING SEEDED WHEAT MUST BE MADE BEFORE WHEAT REACHES THE 6 LEAF STAGE.

NOTE: Early developing wheat varieties such as TAM 107, MADISON, or WAKEFIELD must receive application between early tillering and the jointing stage. Care should be taken in staging these varieties to be certain that the application occurs prior to the jointing stage.

TANK MIX TREATMENTS

DICAMBA AG may be tank mixed with one or more of the following herbicides. Read and follow the label of each tank mix product used for precautionary statements, directions for use, weeds controlled, geographic and other restrictions.

Broadcast rate per treated acre:

Apply 2-4 fluid ounces DICAMBA AG with:

Product	Active Ingredient	Formulation	Amount of Product Per Acre
2,4-D Amine or Ester	2,4-D	4 lb/gal	8-12 fluid oz (.25-.375 lb a.i./A)[1]
MCPA Amine or Ester	MCPA	4 lb/gal	8-12 fluid oz (.25-.375 lb a.i./A)[1]
Ally®	metsulfuron-methyl	60% DF	1/10 oz
Amber®	triasulfuron	75% DF	0.28 oz
Express®	thifensulfuron + tribenuron-methyl	75% DF	1/6 oz
chlorsulfuron + metsulfuron-methyl	chlorsulfuron + metsulfuron-methyl	75% DF	1/3 oz
Glean®	chlorsulfuron	75% DF	1/6 oz
Harmony® Extra	thifensulfuron + tribenuron-methyl	75% DF	1/3 oz
bromoxynil	bromoxynil	2 lb/gal	1-1.5 pts
Bronate®	bromoxynil + MCPA	4 lb/gal	1-2 pts
Curtail®	clopyralid+ 2,4-D	2.38 lb/gal	2-2 2/3pts
clopyralid	clopyralid	3 lb/gal	1/4-1/3 pt
diuron [2]	diuron	80% DF	1/2-1.5 lbs
metribuzin [2]	metribuzin	75% DF	1-10 oz
Fenoxaprop-ethyl+MCPA® [3]	fenoxaprop-ethyl+MCPA	3.1 lb/gal	16 fluid oz
fenoxaprop-ethyl + MCPA + 2,4D [3]	fenoxaprop-ethyl + MCPA + 2,4D	2.7 lb/gal	1-1.7 pts

[1] When using formulations other than 4 lbs/gal use pounds active/acre listed.

[2] Tank mixtures for fall seeded wheat only.

[3] Use 2 fluid ounces of DICAMBA AG only. Do not use if wild oats is the target weed. Do not use DICAMBA AG as a tank mix treatment with Fenoxaprop-ethyl+MCPA® or Fenoxaprop-ethyl + MCPA + 2,4D® on Durum wheat.

SPECIAL USE TANK MIXES FOR SPRING AND FALL SEEDED WHEAT
(See Footnotes for Applicable Uses)

BROADCAST RATE PER TREATED ACRE:

Apply 3-4 [1] fluid ounces DICAMBA AG with:

Product [2]	Active Ingredient	Formulation	Amount of Product Per Acre
2,4-D or MCPA Amine	2,4-D or MCPA	4 lb/gal	1-2 pts [3] (.5-1.0 lb a.i./A) [4]
2,4-D or MCPA Ester	2,4-D or MCPA	4 lb/gal	1-1.5 pts [3] (.5-.75 lb a.i./A) [4]
Ally®	metsulfuron-methyl	60% DF	1/20-1/10 oz
Amber®	triasulfuron	75% DF	0.14-0.28 oz
Express®	thifensulfuron + tribenuron-methyl	75% DF	1/12-1/6 oz
chlorsulfuron + metsulfuron-methyl	chlorsulfuron + metsulfuron-methyl	75% DF	1/6-1/3 oz
Glean	chlorsulfuron	75% DF	1/6 oz
Harmony® Extra	thifensulfuron + tribenuron-methyl	75% DF	1/6-1/3 oz
Metsulfuron-methyl + 2,4-D Amine or Ester [5]	Metsulfuron-methyl + 2,4-D	60% DF + 4 lb/gal	1/20-1/10 oz + 8 fl oz
Amber® + 2,4-D Amine or Ester [5]	triasulfuron + 2,4-D	75% DF + 4 lb/gal	0.14-0.28 oz + 8 fl oz
Express®+ 2,4-D Amine or Ester [5]	(thifensulfuron + tribenuron-methyl)+ 2,4-D	75% DF + 4 lb/gal	1/12-1/6 oz + 8 fl oz

(chlorsulfuron + metsulfuron-methyl) + 2,4-D Amine or Ester[5]	(chlorsulfuron + metsulfuron-methyl)+2,4-D	75% DF + 4 lb/gal	1/6-1/3 oz + 8 fl oz
chlorsulfuron + 2,4-D Amine or Ester[5]	chlorsulfuron + 2,4-D	75% DF + 4 lb/gal	1/6 + 8 fl oz
Harmony® Extra+2,4-D Amine or Ester[5]	(thifensulfuron + tribenuron-methyl)+ 2,4-D	75% DF + 4 lb/gal	1/6-1/3 oz + 8 fl oz
glyphosate[6]	glyphosate	3.0 lb/gal	12-16 fl oz

[1] DICAMBA AG may be used at 6 fluid ounces on fall seeded wheat in Western Oregon as a spring application only. In CO, KS, NM, OK and TX up to 8 fluid ounces of DICAMBA AG may be applied on fall seeded wheat after it exceeds the 3 leaf stage for suppression of perennial weeds, such as field bindweed. Applications may be made in the fall following a frost but before a killing freeze. DICAMBA AG may be tank mixed with 2,4-D amine at 8 fluid ounces after wheat begins to tiller. Periods of extended stress such as cold and wet weather may enhance the possibility of crop injury. For fall applications only, do not use if the potential for crop injury is not acceptable.

[2] Do not use low rates of sulfonylurea herbicides, such as Metsulfuron-methyl, Amber, Express, Finesse, Chlorsulfuron , and Harmony Extra on more mature weeds and/or on dense vegetative growth.

[3] NOTE: For use on Fall Seeded Wheat only. Do not use unless potential crop injury will be acceptable.

[4] When using formulations other than 4 lb/gal use pounds active/acre listed.

[5] Use for improved control of Russian thistle, flixweed, gromwell, mayweed and fiddleneck.

[6] DICAMBA AG may be applied at 2 fluid ounces with any glyphosate formulation labeled for use as a preplant application to small grains with no waiting period prior to planting. Read and follow label directions of the tank mix product for adjuvant use recommendations.

FALL SEEDED BARLEY

DICAMBA AG MUST BE APPLIED TO FALL SEEDED BARLEY PRIOR TO THE JOINTING STAGE.

NOTE: For spring barley varieties that are seeded during the winter months or later, follow the rates and timings given for Spring Seeded Barley.

TANK MIX TREATMENTS

DICAMBA AG may be tank mixed with one or more, but not limited to, the following herbicides. Read and follow the label of each tank mix product used for precautionary statements, directions for use, weeds controlled and geographic and other restrictions.

Broadcast rate per treated acre:

Apply 2-4 fluid ounces DICAMBA AG with:

Product [1]	Active Ingredient	Formulation	Amount of Product Per Acre
2,4-D Amine or Ester	2,4-D	4 lb/gal	8 fluid oz (.25 lb a.i./A) [2]
MCPA Amine or Ester	MCPA	4 lb/gal	8-12 fluid oz (.25-.375 lb a.i./A)
metsulfuron-methyl	metsulfuron-methyl	60% DF	1/20-1/10 oz
Amber®	triasulfuron	75% DF	0.14-0.28 oz
Express®	thifensulfuron + tribenuron-methyl	75% DF	1/12-1/6 oz
chlorsulfuron + metsulfuron-methyl	chlorsulfuron + metsulfuron-methyl	75% DF	1/6-1/3 oz
chlorsulfuron®	chlorsulfuron	75% DF	1/6 oz
Harmony® Extra	thifensulfuron + tribenuron-methyl	75% DF	1/6-1/3 oz
metribuzin	metribuzin	75% DF	1-10 oz
bromoxynil	bromoxynil	2 lb/gal	1-1 1/2 pts
Bronate®	bromoxynil + MCPA	4 lb/gal	3/4-1 1/2 pts

[1] Do not use low rates of sulfonylureas (metsulfuron-methyl, Amber ®, Express® , chlorsulfuron + metsulfuron-methyl, Chlorsulfuron, and Harmony® Extra) on more mature weeds and/or on dense vegetative growth.

[2] When using formulations other than 4 lb/gal use pounds active/acre listed.

SPRING SEEDED BARLEY

DICAMBA AG MUST BE APPLIED BEFORE SPRING SEEDED BARLEY EXCEEDS THE 4 LEAF STAGE.

TANK MIX TREATMENTS

DICAMBA AG may be mixed with one or more of the following herbicides. Reed and follow the label of each tank mix product used for precautionary statements, directions for use, weeds controlled and geographic and other restrictions.

Broadcast rate per treated acre:
Apply 2-4 fluid ounces DICAMBA AG with:

Product [1]	Active Ingredient	Formulation	Amount of Product Per Acre
MCPA Amine or Ester	MCPA	4 lb/gal	8-12 fluid oz (.25-.375 lb a.i./A) [2]
metsulfuron-methyl	metsulfuron-methyl	60% DF	1/20-1/10 oz
Amber®	triasulfuron	75% DF	0.14-0.28 oz
Express®	thifensulfuron + tribenuron-methyl	75% DF	1/12-1/6 oz
chlorsulfuron + metsulfuron-methyl	chlorsulfuron + metsulfuron-methyl	75% DF	1/8-1/3 oz
chlorsulfuron	chlorsulfuron	75% DF	1/6 oz
Harmony® Extra	thifensulfuron + tribenuron-methyl	75% DF	1/6-1/3 oz
metribuzin	metribuzin	75% DF	1-10 oz
bromoxynil	bromoxynil	2 lb/gal	1-1 1/2 pts
Bronate®	bromoxynil + MCPA	4 lb/gal	3/4-1 1/2 pts

[1] Do not use low rates of sulfonylureas (metsulfuron-methyl, Amber ®, Express , Finesse® , Chlorsulfuron ®, and Harmony® Extra) on more mature weeds and/or on dense vegetative growth.
[2] When using formulations other than 4 lb/gal use pounds active/acre listed.

FALL AND SPRING SEEDED OATS

DICAMBA AG MUST BE APPLIED BEFORE SPRING SEEDED OATS EXCEED THE 5 LEAF STAGE. APPLICATIONS TO FALL SEEDED OATS MUST BE MADE PRIOR TO THE JOINTING STAGE.

TANK MIX TREATMENTS
DICAMBA AG may be tank mixed with one or more of the following herbicides. Read and follow the label of each tank mix product used for precautionary statements, directions for use, weeds controlled, geographic and other restrictions.

Broadcast rate per treated acre:
Apply 2-4 fluid ounces DICAMBA AG with:

Product	Active Ingredient	Formulation	Amount of Product Per Acre
MCPA Amine or Ester	MCPA	4 lb/gal	8-12 fluid oz (.25-.375 lb a.i./A) [1]

[1] When using formulations other than 4 lb/gal use pounds active/acre listed.

FALL AND SPRING SEEDED TRITICALE
EXCEPT CALIFORNIA

EARLY SEASON APPLICATIONS
Apply 2-4 fluid ounces of DICAMBA AG to triticale.
Early season applications to fall-seeded triticale must be made prior to jointing stage.
Early season applications to spring-seeded triticale must be made before triticale reaches the 6-leaf stage.

TANK MIXES
For best performance, should be used in tank mix combination with bromoxynil.

SUGARCANE

Observe all precautions. Read and follow mixing and application instructions.

Consult your local or state authorities for possible application restrictions, especially concerning aerial applications and advice concerning special local use situations.

WEEDS CONTROLLED
DICAMBA AG, when applied at specified rates, will control many ANNUAL, BIENNIAL and PERENNIAL broadleaf weeds commonly found in sugarcane. (Refer to GENERAL WEED LIST).

RATES AND TIMINGS
Application of DICAMBA AG may be made any time after weeds have emerged and are actively growing but before the close-in stage of sugarcane. Application rates and timing of DICAMBA AG are given below. Use the higher level of listed rate ranges when treating dense vegetative growth.

NOTE: Retreatments may be made as needed; however, do not exceed a total of 2 pints (1 lb. a.i.) of DICAMBA AG per treatment with a maximum of 2 treatments per year.

Weed Stage & Type	Broadcast Rate Per Treated Acre		Pre-harvest Interval (PHI)
	Amount of Formulated DICAMBA 4 DMA (pints)	Equivalent Lbs. a.i.	
Annual - Small, actively growing - Established weed growth	1/2-1 1-1 1/2	1/4-1/2 1/2-3/4	87 days
Biennial	1-2	1/2-1	
Perennial	2-4 [1]	1-2 [2]	

[1] For application rates above 2 pints (1 lb. a.i.) DICAMBA AG per treated acre, apply a maximum of 2 pints (1.0 lb. a.i.) of DICAMBA AG per treated acre per application with a maximum of 2 applications per year.
[2] Application made over the top of actively growing sugarcane may result in crop injury.

When possible, direct the spray beneath the sugarcane canopy in order to minimize the likelihood of crop injury. The use of directed sprays will also aid in maximizing spray coverage of weed foliage.

TANK MIX TREATMENTS

DICAMBA AG may be tank mixed with one or more of the following herbicides for control of grasses or additional broadleaf weeds. Read and follow the label of each tank mix product used for precautionary statements, directions for use, rates and timings, weeds controlled, geographic and other restrictions.

Herbicide	Rate Per Treated Acre (lbs. a.i.)
ametryn	2/5-8
asulam	2-3 1/3
atrazine	2/5-4
2,4-D	1 /2-3*

*Application of DICAMBA AG plus 2,4-D tank mix at the higher listed rate ranges may result in crop injury.

PASTURE, HAY, RANGELAND, AND GENERAL FARMSTEAD (Non-Cropland)

DICAMBA AG is recommended for use for pasture, hay, rangeland, general farmstead (non-cropland) (including fence rows and non-irrigation ditchbanks) for broadleaf weed and brush control. DICAMBA AG may also be applied to non-cropland areas for the control of broadleaf weeds in Noxious Weed Control Programs, Districts or Areas including broadcast or spot treatment of roadsides and highways, utilities, railroad and pipeline rights-of-way. Noxious weeds must be recognized at the state level but programs may be administered at state, county or other level.

Observe all precautions. Read and follow mixing and application instructions.

DICAMBA AG uses described in this section also pertain to small grains (such as barley, forage sorghum, oats, rye, sudangrass or wheat) grown for pasture use only.

NEWLY SEEDED AREAS, including small grains grown for pasture may be severely injured if rates of DICAMBA AG greater than 1 pint/A are applied.

ESTABLISHED GRASS CROPS growing under stress can exhibit various injury symptoms that may be more pronounced if herbicides are applied.

Bentgrass, carpetgrass, buffalograss and St. Augustine grass may be injured at rates exceeding 1 pint DICAMBA AG (1/2 lb a.i.) per treated acre. Usually colonial bentgrasses are more tolerant than creeping types. Velvetgrasses are most easily injured. Treatments will kill or injure alfalfa, clovers, lespedeza, wild winter peas, vetch and other legumes.

ANIMALS CANNOT BE REMOVED FROM TREATED AREA FOR SLAUGHTER PRIOR TO 30 DAYS AFTER LAST APPLICATION.

THERE IS NO WAITING PERIOD BETWEEN TREATMENT AND GRAZING FOR NON-LACTATING ANIMALS.

TIMING RESTRICTIONS FOR LACTATING DAIRY ANIMALS FOLLOWING TREATMENT:

DICAMBA AG Rate Per Treated Acre	Days Before Grazing	Days Before Hay Harvest
Up to 1 pint (1/2 lb. a.i.)	7 days	37 days
Up to 2 pints (1 lb. a.i.)	21 days	51 days
Up to 4 pints (2 lbs. a.i.)*	40 days	70 days

* The maximum rate per treated acre per year of DICAMBA AG is 4 pints (2 lbs. a.i.). For application rates above 2 pints (1 lb. a.i.) DICAMBA AG per treated acre, apply a maximum of 2 pints (1.0 lb. a.i.) of DICAMBA AG per treated acre per application with a maximum of 2 applications per year.

NOTE: Observe all precautions and restrictions on labels of products used in tank mixtures.

MIXING AND APPLICATION

DICAMBA AG can be applied using water, oil in water emulsions including invert systems, or sprayable fluid fertilizer as a carrier. A COMPATIBILITY TEST (see COMPATIBILITY TEST section) should be made prior to tank mixing.

To prepare oil in water emulsions, half-fill spray tank with water, then add appropriate amount of emulsifier. With continuous agitation, slowly add the herbicide and then the oil (such as diesel oil or fuel oil) or a premix of oil plus additional emulsifier to spray tank. Complete filling of spray tank with water. Maintain vigorous agitation during spray operation to prevent oil and water from forming separate layers.

DICAMBA AG may be applied broadcast using either ground or aerial application equipment. When using ground equipment, apply 3 to 600 gallons of diluted spray per treated acre. Volume of spray applied will depend on the height, density, and type of weeds or brush being treated and on the type of equipment being used. When using aerial equipment apply 2 to 40 gallons of diluted spray per treated acre in a water-based carrier.

DICAMBA AG may be applied to individual clumps or small areas (SPOT TREATMENT) of undesirable vegetation using handgun or similar types of application equipment. Apply diluted sprays to allow complete wetting (up to run off) of foliage and stems.

Herbicide adjuvants or other spray additives (emulsifiers, surfactants, wetting agents, drift control agents, or penetrants) may be used for wetting, penetration, or drift control. Spray additives must be agriculturally approved when used in pasture applications. If spray additives are used, read and follow all use recommendations and precautions on product label.

WEEDS CONTROLLED

DICAMBA AG, when applied at specified rates, will give control many ANNUAL, BIENNIAL, and PERENNIAL broadleaf weeds, and many WOODY brush and vine species commonly found in pasture, hay, rangeland, and general farmstead (non-cropland) areas. (Refer to GENERAL WEED LIST). Noted (*)PERENNIAL weeds may be controlled with lower rates of either DICAMBA AG or DICAMBA AG plus 2,4-D. See the following RATES AND TIMINGS section.

RATES AND TIMINGS

Application rates and timing of DICAMBA AG are given below. Use the higher level of listed rate ranges when treating dense or tall vegetative growth.

NOTE: Retreatments may be made as needed; however, do not exceed a total of 2 pints (1 lb. a.i.) of DICAMBA AG per acre per treatment with a maximum of 2 treatments per year.

Weed Stage & Type	Broadcast Rate Per Treated Acre	
	Amount of Formulated DICAMBA AG (pints)	Equivalent Lbs. a.i.
Annual		
Small, actively growing	1/2-1	1/4-1/2
Established weed growth	1-1 1/2	1/2-3/4
Biennial[1]		
Rosette diameter		
Less than 3 inches	1/2-1	1/4-1/2
3 inches or more	2-4[3]	1/2-1
Bolting	4[3]	1-1 1/2
Perennial		
Suppression or top growth control	1-2	1/2-1
Noted (*) Perennials	2-4[3]	1-2
Other Perennials	4[3]	2

Woody Brush & Vines		
Top Growth Suppression	1-2	1/2-1
Top Growth Control[2]	2-4 [3]	1-2
Stems and Stem Suppression	4 [3]	2

[1] For best performance, make application when BIENNIAL WEEDS are in the rosette stage.

[2] Species noted in GENERAL WEED LIST section will require tank mixtures for adequate control.

[3] For application rates above 2 pints (1 lb. a.i.) DICAMBA AG per treated acre, apply a maximum of 2 pints (1.0 lb. a.i.) of DICAMBA AG per treated acre per application with a maximum of 2 applications per year.

TANK MIX TREATMENTS

READ AND FOLLOW THE LABEL OF EACH TANK MIX PRODUCT USED FOR PRECAUTIONARY STATEMENTS, DIRECTIONS FOR USE, APPLICATION RATES AND OTHER RESTRICTIONS.

DICAMBA AG may be tank mixed with one or more of the following herbicides for control of grasses, additional broadleaf weeds, and woody brush and vines.

Herbicide	Rate Per Treated Acre (lbs. a.i.)
Pasture, hay, rangeland and general farmstead (non-cropland) use:	
glyphosate	3/4 - 3 3/4
metsulfuron methyl	0.0038-0.011
paraquat	1/2 - 1
picloram	1/8 - 3
triclopyr	3/4 - 9
2,4-D	1/4 - 6

Due to the variations that may occur in formulated products and specific use ingredients (e.g. water supplies), a COMPATIBILITY TEST is recommended prior to actual tank mixing.

CUT SURFACE TREE TREATMENTS

DICAMBA AG may be applied as a cut surface treatment for control of unwanted trees and prevention of sprouts of cut trees. A mix of 1 part DICAMBA AG with 1 to 3 parts water should be used in application. Use the lower dilution when treating difficult-to-control species.

FRILL OR GIRDLE TREATMENTS: Make a continuous cut or a series of overlapping cuts using an axe to girdle tree trunk. Spray or paint cut surface with the DICAMBA AG/water mix.

STUMP TREATMENTS: Spray or paint freshly cut surface with the water mix. The area adjacent to the bark should be thoroughly wet.

Note: For more rapid foliar effects, 2,4-D may be added to the DICAMBA AG/water mix.

DORMANT APPLICATIONS FOR CONTROL OF MULTIFLORA ROSE

DICAMBA AG can be applied when plants are dormant as an undiluted SPOT-CONCENTRATE directly to the soil or as a LO-OIL BASAL BARK treatment using an oil-water emulsion solution.

SPOT-CONCENTRATE applications of DICAMBA AG should be applied directly to the soil as close as possible to the root crown but within 6-8 inches of the crown. On sloping terrain, application should be made to the uphill side of the crown. Do not make application when snow or water prevents applying DICAMBA AG directly to the soil. The use rate of DICAMBA AG is dependent on the canopy diameter of the multiflora rose. Examples: Use DICAMBA AG at 1/4, 1 or 2 1/4 fluid ounces of product respectively, for 5, 10 or 15 feet canopy diameters. Do not exceed a total of 2 quarts DICAMBA AG per acre per year.

LO-OIL BASAL BARK applications of DICAMBA AG should be applied to the basal stem region from the ground line up to a height of 12 to 18 inches. Spray until runoff, with special emphasis on covering the root crown. For best results, make application when plants are dormant. Do not make application after bud break or when plants are showing signs of active growth. Do not make application when snow or water prevents applying DICAMBA AG to the ground line. Refer to Mixing and Applications above in this section for method of preparing oil-in-water emulsion. Example for making approximately 2 gallons of a LO-OIL spray solution mixture: combine 1 1/2 gallons water plus 1 ounce emulsifier plus 1 pint DICAMBA AG plus 2 1/2 pints of No. 2 diesel fuel. Adjust amounts of materials used proportionately to the amount of final spray solution desired. Do not exceed 8 gallons of spray solution mix applied per acre per year.

CONSERVATION RESERVE PROGRAM (CRP) ACRES

DICAMBA AG can be used on both newly seeded and established grasses grown in Conservation Reserve or Federal Set-Aside Programs. For program lands, such as Conservation Reserve Program, consult program rules to determine whether grass or hay may be used. The more restrictive requirements of the program rules or this label must be followed.

Observe all precautions, mixing and application directions.

DICAMBA AG treatment will injure or may kill alfalfa, clovers, lespedeza, wild winter peas, vetch, and other legumes.

Agriculturally approved surfactants may be added to the spray mixture to improve postemergence weed control, particularly in dry growing conditions.

Do not use adjuvants containing penetrants such as petroleum based oils after grass emergence on newly seeded grasses.

NEWLY SEEDED AREAS

DICAMBA AG may be applied either preplant or postemergence to newly seeded grasses or small grains such as barley, oats, rye, sudangrass, wheat, or other grain species grown as a cover crop. Postemergence applications may be made after seedling grasses exceed the 3-leaf stage. Rates of DICAMBA AG greater than 1 pint per treated acre may severely injure newly seeded grasses. Preplant applications - injury to new seedings may occur if intervals between application and grass planting is less than 45 days per pint of DICAMBA AG per treated acre West of the Mississippi River or 20 days per pint East of the Mississippi River.

ESTABLISHED GRASS STANDS

Established grass stands are perennial grasses planted one or more seasons prior to treatment. Certain species: bentgrass, carpetgrass, smooth brome, buffalograss or St. Augustine grass may be injured when treated with DICAMBA AG at rates exceeding 1 pint per treated acre.

WEEDS CONTROLLED

DICAMBA AG, when applied at specified rates, will control many annual and biennial weeds and provide control or suppression of many perennial weeds. (Refer to GENERAL WEED LIST).

RATES AND TIMINGS

Application rates and timing of DICAMBA AG treatment are given below. Use the higher rate of the rate range when vegetation is either dense or tall, or when weeds are growing under stressed conditions such as drought or cool temperature.

NOTE: Retreatments may be made as needed; however, do not exceed a total of 4 pints (2 lbs. a.i.) of DICAMBA AG per treated acre during a growing season applied at a rate of 2 pints (1 lb. a.i.) DICAMBA AG per treatment.

Weed Stage & Type	Broadcast Rate Per Treated Acre	
	Amount of Formulated DICAMBA AG (pints)	Equivalent lbs. a.i.
Annual		
Small, actively growing	1/4-1	1/8-1/2
Established weed growth	1	1/2
Biennial [1, 2]		
Rosette diameter		
Less than 3 inches	1/2-1	1/4-1/2
3 inches or greater	1-2	1/2-1
Bolting biennial	2-3 [3]	1-1 1/2
Perennial [2]		
Suppression/Control	2-4 [3]	1-2

[1] For best results, treat Biennial weeds with DICAMBA AG when they are in the rosette stage of growth.

[2] Biennial and Perennial weeds will require follow-up (sequential) treatments for seedling control and escapes.

[3] For application rates above 2 pints (1 lb. a.i.) DICAMBA AG per treated acre, apply a maximum of 2 pints (1.0 lb. a.i.) of DICAMBA AG per treated acre per application with a maximum of 2 applications per year.

TANK MIX TREATMENTS

To control grasses and additional broadleaf weeds, DICAMBA AG may be tank mixed with other herbicides registered for use in Conservation Reserve Programs such as 2,4-D, glyphosate, paraquat, metsulfuron, and others.

READ AND FOLLOW THE LABEL OF EACH TANK MIX PRODUCT USED FOR PRECAUTIONARY STATEMENTS, DIRECTIONS FOR USE, APPLICATION RATES, AND OTHER RESTRICTIONS.

ASPARAGUS
FOR USE ONLY IN THE STATES OF CALIFORNIA, OREGON, AND WASHINGTON

Observe all precautions. Read and follow mixing and application instructions.

NOTE:
- If spray contacts emerged spears, crooking (twisting) of some spears may result. If such crooking occurs, discard affected spears.
- Do not harvest prior to 24 hours after treatment.
- Do not use in the Coachella Valley of California.
- Multiple applications may be made per growing season; however, DO NOT EXCEED a total of 1 pint (1/2 lb. a.i.) of DICAMBA AG per treated acre per crop year.

RATES AND TIMINGS
Apply DICAMBA AG to emerged and actively growing weeds in 40 to 60 gallons of diluted spray per treated acre immediately after cutting the field, but at least 24 hours before the next cutting.

DICAMBA AG may be applied in a tank mixture with either 2,4-D or glyphosate herbicide for improved control of noted (*) weeds. READ AND FOLLOW 2,4-D OR GLYPHOSATE PRODUCT LABELING FOR PRECAUTIONARY STATEMENTS, DIRECTIONS FOR USE, APPLICATION RATES AND TIMINGS, AND OTHER RESTRICTIONS.

Weeds	Rate Per Treated Acre
Mustard, Black Pigweed, Redroot (Carelessweed) Sowthistle, Annual *Thistle, Canada Thistle, Russian	1/2-1 pt. (1/4-1/2 lb. a.i.)
*Bindweed, Field Chickweed, Common Goosefoot, Nettleleaf Radish, Wild Thistle, Milk	1 pt. (1/2 lb. a.i.)

TURF AND LAWNS
FOR USE IN GENERAL FARMSTEAD (NON-CROPLAND) AND SOD FARMS

IMPORTANT
Observe all precautions. Read and follow mixing and application instructions.

To avoid injury to newly seeded grasses, application of DICAMBA AG should be delayed until after the second mowing. Furthermore, application rates in excess of 1 pint (1/2 lb. a.i.) per treated acre may cause noticeable stunting or discoloration of sensitive grass species such as bentgrass, carpetgrass, buffalograss, and St. Augustine grass.

In areas where roots of sensitive plants extend, do not apply in excess of 1/4 pint (1/8 lb. a.i.) of DICAMBA AG per treated acre on coarse textured (sandy-type) soils, or in excess of 1/2 pint (1/4 lb. a.i.) per treated acre on fine textured (clayey-type) soils. Do not make repeat applications in these areas for 30 days and until previous applications of DICAMBA AG have been activated in the soil by rain or irrigation.

WEEDS CONTROLLED
DICAMBA AG, when applied at specified rates, will give control of many ANNUAL, BIENNIAL, and noted (*) PERENNIAL broadleaf weeds commonly found in turf. DICAMBA AG will also give growth suppression of many other listed PERENNIAL broadleaf weeds and WOODY brush and vine species. (Refer to GENERAL WEED LIST).

MIXING AND APPLICATION
Apply 30 to 200 gallons of diluted spray per treated acre (3 qts. to 4 1 /4 gals. per 1,000 sq. ft.), depending on density or height of weeds treated and on the type of equipment used.

RATES AND TIMINGS
Use the higher level of listed rate ranges when treating dense vegetative growth. For best performance, apply when weeds are emerged and actively growing.

NOTE: Retreatments may be made as needed; however, do not exceed a total of 2 pints (1 lb. a.i.) DICAMBA AG per treated acre with a maximum of 2 treatments per year.

Weed Stage & Type	DICAMBA AG Herbicide		
	Pints per treated acre	Lbs. a.i. per treated acre	Teaspoons per 1,000 sq. ft.
Annual			
Small, actively growing	1/4-1	1/4-1/2	1-2 1/4
Established weed growth	1-1 1/2	1/2-3/4	2 1/4-3 1/4
Biennial Rosette diameter			
Less than 3 inches	1/2-1	1/4-1/2	1-2 1/4
3 inches or more	1-2	1/2-1	2 1/4-4 1/2
Perennial and Woody			
Brush and Vines	1-2	1/2-1	2 1/4-4 1/2

TANK MIX TREATMENTS
READ AND FOLLOW THE LABEL OF EACH TANK MIX PRODUCT USED FOR PRECAUTIONARY STATEMENTS, DIRECTIONS FOR USE, APPLICATION RATES AND TIMINGS AND OTHER RESTRICTIONS.

Tank mix treatments of DICAMBA AG may be made with 2,4-D, MCPA, MCPP, or bromoxynil for control of additional weeds listed on the tank mix product label.

Apply 1/5 to 1/2 pint (1/10 to 1/4 lb. a.i.) of DICAMBA AG per treated acre with 1/2 to 1 1/2 lbs. acid equivalent of 2,4-D, MCPA, or MCPP, or with 3/8 to 1/2 lb. a.i. of bromoxynil. Use the higher level of the listed rate ranges when treating established weeds. Repeat treatments may be made as needed; however, do not exceed 2 pints (1 lb. a.i.) of DICAMBA AG per treated acre during the growing season.

GRASS SEED CROPS
GRASSES GROWN FOR SEED SUCH AS BERMUDA GRASS, BLUEGRASS, FESCUE AND RYEGRASS

IMPORTANT
Observe all precautions. Read and follow mixing and application instructions.

Refer to the PASTURE, HAY, RANGELAND, AND GENERAL FARMSTEAD (NONCROPLAND AREAS) section for possible grazing and feeding restrictions.

Do not use on bentgrass unless possible crop injury can be tolerated

WEEDS CONTROLLED
DICAMBA AG will provide control or suppression of annual broadleaf weeds listed below. For improved control of listed weeds plus additional weeds, it is recommended that DICAMBA AG be applied in a tank mix with other herbicides.

Alfalfa [1]	Clover	Ladysthumb
Bedstraw, Catchweed	Cockle, White	Lambsquarters, Common
Bindweed, Field	Dock, Broadleaf	Lettuce, Prickly
Buttercup, Corn	Dock, Curly	Mayweed (Dogfennel)
Buttercup, Creeping	Hemlock, Poison	Ragwort, Tansy
Buttercup, Western Field	Knapweed, Russian [1]	Sorrel, Red (Sheep Sorrel)
Catchfly, Nightflowering	Knawel	Sowthistle, Annual
Chamomile, Corn	Kochia	Starwort, Little
Chickweed, Common	Knotweed, Prostrate	Thistle, Canada [1]
Chickweed, Mouseear		

[1] Top growth control only

RATES AND TIMINGS
Apply 1/2 to 1 pint of DICAMBA AG per treated acre on SEEDLING GRASS after the crop reaches the 3-5 leaf stage. Apply up to 2 pints of DICAMBA AG on well-established Perennial grass. DO NOT APPLY AFTER THE GRASS SEED CROP BEGINS TO JOINT. For best performance, make applications when weeds are in the 2-4 leaf stage and rosettes are less than 2 inches across. Use the higher level of listed rate ranges when treating more mature weeds or dense vegetative growth

TANK MIX TREATMENTS

For control of grasses or additional broadleaf weeds, DICAMBA AG may be tank mixed with all broadleaf herbicides registered for use in Grass Seed Production. Read and follow the label of each tank mix product used for precautionary statements, directions for use, weeds controlled and geographic and other restrictions.

Broadcast Rate Per Treated Acre:

Apply 1/2 to 2 pints DICAMBA AG with:

Product	Active Ingredient	Formulation	Amount of Product Per Acre
2,4-D Amine or Ester	2,4-D	4 lb/gal	1-4 pts. (.5-2.0 lb a.i./A) [1]
MCPA Amine	MCPA	4 lb/gal	1-2 pts (.5-1.0 lb a.i./A [1]
bromoxynil	bromoxynil	2 lb/gal	1-2 pts
Curtail®	clopyralid + 2,4-D	2.38 lb/gal	1 3/44 pts
diuron	diuron	80% DF	2-4 lbs
clopyralid	clopyralid	3lb/qal	1/4-1 pt

[1] When using formulations other than 4 lb/gal use pounds active/acre listed.

ANNUAL GRASS CONTROL

For suppression of ANNUAL GRASS WEEDS such as:

Brome, Downy (Cheatgrass)
Brome, Ripgut
Fescue, Rattail
Windgrass

Apply up to 2 pints (1lb. a.i.) of DICAMBA AG per treated acre in the fall or late summer after harvest and burning of established grass seed crops (maximum of 2 treatments per year). Applications should be made immediately following first irrigation when the soil is moist and before weeds have more than 2 leaves.

PREPLANT DIRECTIONS (POST HARVEST/FALLOW/CROP STUBBLE/SET-A-SIDE)
FOR BROADLEAF WEED CONTROL BEFORE WHEAT, CORN, SORGHUM, SOYBEANS

IMPORTANT

Observe all precautions. Read and follow mixing and application instructions.

WEEDS CONTROLLED

DICAMBA AG may be applied alone or in tank mix combinations with other herbicides registered for this use.

DICAMBA AG can be applied either POST HARVEST in the fall, spring or summer during the FALLOW period or to CROP STUBBLE/ SET-A-SIDE acres. DICAMBA AG, when applied at the specified rates, will control many ANNUAL broadleaf weeds; see the WEEDS CONTROLLED section under small grains. In addition, DICAMBA AG will control or suppress the following BIENNIAL and PERENNIAL broadleaf weeds:

Alfalfa [1]	Dock, Curly [1]	Sowthistle, perennial [1]
Artichoke, Jerusalem	Dogbane, Hemp	Spurge, leafy
Bindweed, Field	Garlic, Wild [2]	Thistle Bull
Bindweed, Hedge	Horsenettle, Carolina	Thistle, Canada [2]
Blueweed, Texas	Knapweed, Diffuse	Thistle, Milk
Bursage	Knapweed, Spotted	Thistle, Musk
(Bur Ragweed)	Nightshade, Silverleaf	Thistle, Plumeless
(Povertyweed)	Redvine	Thistle, Scotch
(Lakeweed) [1]	Smartweed, Swamp	Trumpetcreeper (Buckvine)
Dandelion, Common [1]		

[1] Perennials may be controlled using DICAMBA AG at rates lower than those recommended for other listed perennial weeds. (See RATES AND TIMINGS under this heading.)

[2] See the SPECIAL TANK MIX TREATMENTS section under this heading for specific control programs for these weeds.

RATES AND TIMINGS

Apply DICAMBA AG as a broadcast or spot treatment to emerged and actively growing weeds after crop harvest (post harvest) and before a killing frost or in the fallow cropland or crop stubble the following spring or summer. Agriculturally approved spray additives, such as surfactants or oils, may be used to enhance spray coverage and the herbicide's penetration of weed foliage. See Cropping restrictions for recommended interval between application and planting to prevent crop injury.

For best performance, make application when ANNUAL weeds are less than 6 inches tall, when BIENNIAL weeds are in the rosette stage and to PERENNIAL weed regrowth in late summer or fall following a mowing or tillage treatment. Most effective control of upright perennial broadleaf weeds, such as Canada thistle and Jerusalem artichoke, occurs if application is made when the majority of weeds, such as field bindweed and hedge bindweed, are best controlled when weeds are in or beyond the full bloom stage.

Avoid disturbing treated areas following application. Treatments may not kill weeds which develop from seed or underground plant parts, such as rhizomes or bulblets, after the effective period for DICAMBA AG. For seedling control, a follow-up program or other cultural practices could be instituted. For small grain in-crop uses of DICAMBA AG, see the RATE AND TIMINGS section under the SMALL GRAINS heading for details.

DICAMBA AG RATES PER TREATED ACRE

NOTE: Retreatments may be made as needed; however, do not exceed a total of 2 pints (1 lb. a.i.) per treatment of DICAMBA AG with a maximum of 2 treatments per year.

WEED TYPE	AMOUNT OF PRODUCT PER ACRE*
Annual	1/2-1 pt (8-16 fl. oz.)
Biennial	1-2 pts (16-32 fl. oz.)
Perennial	1-4* pts (16-64 fl. oz.)
Perennial suppression	1-2 pts (16-32 fl. oz.)
Noted (1) perennials	2-4* pts (32-64 fl. oz.)
Other perennials	4* pts (4 fl. oz.)

* For application rates above 2 pints (1 lb. a.i.) DICAMBA AG per treated acre, apply a maximum of 2 pints (1.0 lb. a.i.) of DICAMBA AG per treated acre per application with a maximum of 2 applications per year.

TANK MIX TREATMENTS

DICAMBA AG may be tank mixed with one or more of the following herbicides for control of grasses or additional broadleaf weeds. Read and follow the label of each tank mix product used for precautionary statements, directions for use, rates and timings, weeds controlled, geographic and other restrictions

DICAMBA AG BROADCAST RATE PER TREATED ACRE FOR ANNUAL WEED CONTROL:

Apply 1/4 to 1 pint DICAMBA AG with:

Product	Active Ingredient	Formulation	Amount of Product Per Acre
Atrazine [1]	atrazine	4 lb/gal	1 /2-6 pts
		90% DF	1/2-3.3 lbs
metsulfuron-methyl [2]	metsulfuron-methyl	75% DF	0.1 oz
Amber® [2]	triasulfuron	75% DF	0.28-0.35oz
paraquat	paraquat	2 lb/gal	1-2 pts
		2.5 lb/gal	1.5 pts
chlorsulfuron + metsulfuron-methyl [2]	chlorsulfuron + metsulfuron-methyl	75% DF	0.2 oz
pronamide [1]	pronamide	50-W	1/2-1.0 lb
Fallow Master®	glyphosate + dicamba	1.6 lb/gal	22-44 fluid oz
Landmaster® BW	glyphosate + 2,4-D	2,4 lb/gal	27-54 fluid oz
glyphosate	glyphosate	3 lb/gal	8-48 fluid oz
metribuzin [1]	metribuzin	75% DF	1/2-1 lb
		4 lb/gal	3/4-1 1/2 pts
2,4-D	2,4-D	4 lb/gal	1-2 pts (0.5-1 lb a.i./A) [3]

[1] Tank mixes of DICAMBA AG with these products may be subject to special restrictions. See the Product Label of the tank mix partner for intended use rates, restrictions and other precautions.

[2] When tank mixing with sulfonylurea herbicides, refer to the product label for rates and restrictions. Use a surfactant of at least 80% active ingredient at the rate of 1-2 quarts/100 gallons of spray or not more than 0.25-0.5% by volume. Use the highest rate of surfactant when using the lower rate ranges of the tank mix and/or when treating more mature weeds or dense vegetative growth. Sulfonylurea resistant weeds may not be controlled by tank mixes of DICAMBA AG and a sulfonylurea. Refer to the DICAMBA AG tank mix section for alternative tank mixes.

[3] When using formulations other than 4 lb/gal use pounds active/acre listed.

DICAMBA AG BROADCAST RATE PER TREATED ACRE FOR BIENNIAL AND PERENNIAL WEED CONTROL: Apply 1 to 2 pints (0.5-1.0 lb. a.i.) of DICAMBA AG with:

Product	Active Ingredient	Formulation	Amount of Product Per Acre
Curtail®	clopyralid + 2,4-D	2.38 lb/gal	2-4 pts
2,4-D	2,4-D	4 lb/gal	2-6 pts (1.0-3 lb a.i./A) [1]
Landmaster® BW	glyphosate +2,4-D	2.4 lb/gal	54 fluid oz
glyphosate	glyphosate	3.0 lb/gal	1-5 qts
picloram	picloram	2 lb/gal	1/2-1 pt

[1] When using formulation other than 4 lb/gal use pounds active/acre listed.

SPECIAL TANK MIX TREATMENTS

For suppression of perennial weeds, apply 1/2-1 pint of DICAMBA AG with 8-16 fluid ounces of glyphosate herbicide per treated acre.

For wild garlic control, apply 1 pint DICAMBA AG with 3 pints of 2,4-D LV Ester (4 lb/gal) per treated acre. Apply when wild garlic is 4 to 8 inches tall.

For Canada thistle control, use DICAMBA AG, or DICAMBA AG plus Curtail® or DICAMBA AG plus glyphosate herbicide or glyphosate tank mix treatments.

Application may be made during fallow periods for control of volunteer barley, bulbous bluegrass, downy brome, jointed goatgrass, common rye and volunteer wheat when they are actively growing. Use 1 pint DICAMBA AG with 1/2-1 lb pronamide 50W. Fall seeded wheat may be planted 9 months or more after application. For best performance, make application between mid-October and mid-December, prior to soil freeze up.

During fallow periods, apply DICAMBA AG plus Landmaster® BW or Fallow Master® herbicide to give improved control of kochia, wild buckwheat, prickly lettuce, field bindweed and Canada thistle. Use 1/8-1/4 pint of DICAMBA AG plus 22 to 54 fluid ounces of Landmaster® BW or Fallow Master® herbicide for annual weed control or 1 /4 to 1 /2 pint DICAMBA AG plus 22 to 54 fluid ounces of Landmaster® BW or Fallow Master® herbicide for perennial weed suppression.

CROPPING RESTRICTIONS

The following recommendations are based on DICAMBA AG use rates up to 4 pints (2 lbs. a.i.) per treated acre applied in 2 applications per year at a maximum rate of 2 pints (1.0 lb. a.i.) per application.

CORN, SORGHUM and SOYBEANS may be planted in the spring following applications made during the previous year. If less than 1 inch of rainfall occurs between application and first killing frost, treated areas should be cultivated to allow herbicide to come in contact with moist soil. Cultivation may take place before or immediately after ground thaw.

Soybean injury may occur if the interval between application and planting is less than specified. In areas with greater than 30 inches of rainfall, delay planting for 30 days per pint of DICAMBA AG per treated acre. In areas with less than 30 inches of rainfall, delay planting for 45 days per pint of DICAMBA AG per treated acre. Exclude days when ground is frozen.

WHEAT may be planted in the fall or spring following applications. Also, spot applications may be made any time prior to crop emergence if crop injury can be tolerated in treated areas. Wheat injury may occur if the interval between application and planting is less than specified.

East of the Mississippi River, the interval is 20 days per pint of DICAMBA AG per treated acre or 1.25 days per 1 ounce. Moisture is essential for DICAMBA AG degradation. Exclude days when ground is frozen.

West of the Mississippi River, the interval is 45 days per pint of DICAMBA AG per treated acre or 3 days per ounce. Moisture is essential for DICAMBA AG degradation. Exclude days when ground is frozen.

Following a normal harvest of barley, oats, or wheat, any rotation crop may be planted. If the interval before harvest is shortened, such as when cover crops will be plowed under, do not follow up with the planting of a sensitive crop.

CONTROL OF PERENNIAL BROADLEAF WEEDS IN CROPLAND
(SPOT APPLICATION ONLY)

FOR USE ONLY IN THE STATES OF IDAHO, MONTANA, NEVADA, OREGON, UTAH AND WASHINGTON.

DICAMBA AG may be applied as a **Spot Application** to an area no greater than 1,000 sq. ft. per acre.

IMPORTANT
Observe all precautions. Read and follow mixing and application instructions.
Do not treat subirrigated cropland or areas where the soil remains saturated with water throughout the year.

Make only one application of DICAMBA AG per year.

WEEDS CONTROLLED
DICAMBA AG, when applied at specified rates, will control many broadleaf weeds including:

Bindweed, Field
Dock, Broadleaf (Bitterdock)
Dock, Curly
Knapweed, Black
Knapweed, Russian
Ragwort, Tansy
Spurge, Leafy
Thistle, Canada

RATES AND TIMINGS
DICAMBA AG may be applied at any time following a crop harvest to stubble, fallow or other cropland. Application should be made when weeds are actively growing and prior to a killing frost.

Apply a maximum of 2 pints (1.0 lb. a.i.) of DICAMBA AG per 1,000 sq. ft. per acre per application. Application may be made up to one month prior to the planting of wheat.

NOTE: Do not use unless injury to wheat or rotated barley will be acceptable.

Barley, oats, corn, sorghum (milo), annual or perennial grass crops may be planted into treated areas one year after application. Crops grown for seed (other than perennial grass seed) should not be planted into treated areas until three years after application. Do not plant broadleaf crops such as alfalfa, beans, peas, potatoes, or sugarbeets into treated areas until two years after application.

In most cases, treatments will not kill perennial weed seedlings, which germinate from seed one or two years after treatment. Once the effect of the chemical has been lost, a follow-up program for seedling control or other cultural practices should be instituted.

WIPER APPLICATION USES

IMPORTANT: Observe all precautions.

DICAMBA AG may be applied through wiper application equipment to control or suppress actively growing broadleaf weeds, brush and vines. Use a solution containing 1 part DICAMBA AG to 1 part water. Do not contact desirable vegetation with herbicide solution. Wiper application should only be made to crops (including pastures) and non-cropland areas described in this label with the exception of Grain Sorghum (Milo).

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.
[Optional BULK STORAGE AND DISPOSAL (to be printed on labeling for bulk containers only)
AGITATE BEFORE USE
PROHIBITIONS
Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited. This product may not be mixed, loaded, or used within 50 feet of all wells including abandoned wells, drainage wells and sinkholes.]
PESTICIDE STORAGE
Store in original containers in a well-ventilated area separately from fertilizer, feed and foodstuffs. Avoid cross-contamination with other pesticides. Spillage or leakage should be contained and absorbed with clay granules, sawdust, or equivalent material for disposal. *[Optional Bulk Storage Instructions: Ground water contamination may be reduced by diking and flooring of permanent liquid storage sites with an impermeable material.]*
PESTICIDE DISPOSAL
Triple rinse pesticide from containers and use rinsates in the pesticide application. Wastes which cannot be used according to label instructions may be disposed of on site or at an approved waste disposal facility.
[Optional Bulk Storage Instructions: Pesticide spray mixture or rinsate that cannot be used according to label instructions must be disposed of according to Federal and local procedures under Subtitle C of the Resource Conservation and Recovery Act.
CONTAINER DISPOSAL Non-refillable containers. Plastic or Metal: Do not reuse or refill this container. Triple rinse or pressure rinse container (or equivalent) promptly after emptying. Offer for recycling, if available, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities, such as burning of plastic containers. If burned, stay out of smoke.
Non-refillable container less than or equal to 5 gallons: Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

Non-refillable container greater than 5 gallons: Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times.
Pressure rinse as follows (all sizes): Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container and rinse at about 40 PSI for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.
Refillable container (250 gallon & bulk): Refill this container with pesticide only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from the container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing process two more times.

CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

NOTICE: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of this product must be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather, presence of other materials, or other influencing factors in the use of the product, which are beyond the control of J. OLIVER PRODUCTS, LLC or Seller. All such risks shall be assumed by the Buyer and User, and Buyer and User agree to hold J. OLIVER PRODUCTS, LLC and Seller harmless for any claims relating to such factors.

J. OLIVER PRODUCTS, LLC warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. This warranty does not extend to the use of this product contrary to label instructions or under abnormal conditions or under conditions not reasonably foreseeable to or beyond the control of Seller or J. OLIVER PRODUCTS, LLC, and Buyer and User assume the risk for such use. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, NO OTHER EXPRESS WARRANTY OR IMPLIED WARRANTY OF FITNESS FOR PARTICULAR PURPOSE OR MERCHANTABILITY IS MADE. This warranty is also subject to the conditions and limitations stated herein.

To the extent consistent with applicable law, neither J. OLIVER PRODUCTS, LLC nor Seller shall be liable for any incidental, consequential or special damages resulting from the use or handling of this product. THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF J. OLIVER PRODUCTS, LLC OR SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, STRICT LIABILITY, TORT OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT, OR, AT THE ELECTION OF J. OLIVER PRODUCTS, LLC OR SELLER, THE REPLACEMENT OF THE PRODUCT.

J. OLIVER PRODUCTS, LLC and Seller offer this product, and Buyer and User accept it, subject to the forgoing Conditions of Sale and Limitation of Warranty and Liability which may not be modified except by written agreement signed by a duly authorized representative of J. OLIVER PRODUCTS, LLC.

REGISTERED TRADEMARKS

Amber, Beacon, and are registered trademarks of Syngenta.
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Broadstrike and Curtail are registered trademarks of Dow AgroSciences.
Clarity and Frontier are registered trademarks of BASF Corporation.
All other trademarks are the property of their respective owners.

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U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (7505P)
Ariel Rios Building
1200 Pennsylvania Ave., NW
Washington, D.C. 20460

EPA Reg. Number:	Date of Issuance:
83222-14	OCT - 1 2009

NOTICE OF PESTICIDE:
_ Registration
_x_ Reregistration
(under FIFRA, as amended)

Term of Issuance:

Name of Pesticide Product:
DICAMBA AG

Name and Address of Registrant (include ZIP Code):

J. Oliver Products, LLC
3187 Robertson Gin Road
Hernando, MS 38632

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act. Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is reregistered in accordance with FIFRA section 4(g)(2)(C) provided you:

1. Submit and/or cite all data required for registration review/reregistration of your product when the Agency requires all registrants of similar products to submit data.

2. Incorporate all revisions listed in the Agency letter dated August 25, 2009. The labeling stamped "Accepted with Comments" on Aug.25, 2009 will remain the most recently accepted label for this product.

   In addition to the comments listed in the Agency letter dated August 25, 2009, the Agency encourages the addition of resistance management grouping symbols and statements to product labels in view of the importance of resistance management to a long-term pest management strategy.

3. Submit Storage Stability and Corrosion Characteristics studies that include data for 3, 6, 9 and 12 month intervals. These data must be submitted by August 25, 2010.

4. You must submit one (1) copy of the final printed label before you release the product for shipment. Products shipped after the next printing must bear the new revised label. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

Signature of Approving Official:	Date:
Joanne I. Miller Product Manager 23 Herbicide Branch Registration Division (7505P)	OCT - 1 2009

EPA Form 8570-6

TO: Joanne Miller (PM)
FROM: Beth Benbow
EPA Reg. No. 83222-14
ACTION: Reregistration
REMARKS:

On August 25, 2009 I completed a full review of this product for the PRIA action that changed its registration from a 100% repack of [redacted] to the formulator's exemption.

At that time, I did a label review for a label submitted on April 30, 2009, which is a newer label than the one submitted for product reregistration (dated March 17, 2009). For this reason, I did not include a copy of another stamped label as they have just received a stamped copy of the most recently submitted label with the registration amendment of August 25, 2009.

Date: August 12, 2009

Reg. No.: 083222-014
Product Name: Dicamba AG (Name of record with the Agency), Dicamba Max 4 (Name on draft label)
PM Name/Number: Joanne Miller, PM 23

Primary Reviewer: Judy Loranger Judy Loranger 8/19/09
Secondary Reviewer: Larry Schnaubelt L. Schnaubelt 8/18/09

New label or date of RD amended label: New, Received on 3/17/09

Formulation Type: Liquid

Active Ingredient Assessed: Dicamba, DMA salt/029802

Other ai's in product

Name/PC code:	Reregistration Status or Registration Date:
N/A	N/A

Note to PM:

1) PRB notes that the label for this product does not include resistance management labeling as described in PR Notice 2001-5. The Agency encourages registrants to add the resistance management grouping symbols and statements to product labels in view of the importance of resistance management to a long-term pest management strategy.

2) PRB defers to RD regarding the acceptability of directions for use for certain type of treatments to trees (i.e., cut surfaces tree treatment, frill or girdle treatments, and stump treatments), use on multiflora roses and wiper application uses. Since an area to be treated was not specified in the label, PRB is unable to determine if these uses comply with the RED rate restrictions.

Assessment can be found N:\prb\label\083222/014

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1) Per the acute toxicity review, the signal word currently on the label "WARNING" must be revised to read "CAUTION" and the Spanish signal word "AVISO" must be deleted from the label.

2) Based on toxicity ranking per the acute toxicity review, the First Aid statements should be placed on the label in the following order:

"IF SWALLOWED:...
IF ON SKIN OR CLOTHING:...
IF IN EYES:...

IF INHALED:..."

3) As specified in the acute toxicity review, a phone number for emergency medical treatment information should be added to the label.

4) Per the acute toxicity review, the Hazards to Humans and Domestic Animals must be revised to read:

"CAUTION
Harmful if swallowed."

5) Per the RED, the handler PPE must be revised to read:

"Some materials that are chemical-resistant to this product are made of any waterproof material. If you want more options, follow the instructions for category A on an EPA chemical-resistance category selection chart.

All mixers, loaders, and applicators and other handlers must wear:
Long-sleeved shirt and long pants,
Shoes plus socks,
Chemical-resistant gloves (except for applicators using groundboom equipment, pilots and flaggers).

See engineering controls for additional requirements."

Note: It should be verified that waterproof materials are the appropriate chemical-resistant material for this product.

6) Because the label references aerial application, the following engineering control text must be added to the label:

"Pilots must use an enclosed cockpit in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides (40 CFR 170.240(d)(4-6)."

7) Per the RED label table, the text in **bold type** below must be added to the following User Safety Requirements:

"...If no such instructions for washables **exist**, use detergent and hot water..."

8) The text in bold type must be added to the User Safety Recommendation text currently on the label:

"User should remove clothing/**PPE** immediately if pesticide gets inside."

9) The text "For terrestrial uses" must be deleted from the Environmental Hazard section of the label.

10) Per the RED, the early entry PPE appearing in the Agricultural Use Requirements box must be revised to read:

"Coveralls worn over short-sleeved shirt and short pants,
Chemical-resistant footwear plus socks,
Chemical-resistant gloves made of any waterproof material,
Chemical-resistant headgear for overhead exposure,
Protective eyewear."

11) The entry restriction text ("Keep unprotected persons, including children and pets, out of the treated areas until sprays have dried") appearing in the Non-Agricultural Use Requirements box must be revised to read "Do not enter or allow others to enter until sprays have dried."

12) The following revisions are needed to the directions for use:

Per the revised RED label table, the following rate restriction applies to all crops and must be added to beginning of the directions for use section:

"The maximum single application rate is 1.0 lbs ae per acre.
The maximum annual application rate is 2.0 lbs ae per acre per year."

Sorghum:
Per the revised label table, add the following PHI text:
"The PHI for sorghum grain is 30 days.
The PHI for sorghum forage is 0 days.
The PHI for sorghum fodder is 30 days."

Small Grains (Wheat, barley, oats):
Per the revised label table, add the following PHI text:
"The PHI for barley is 7 days.
The PHI for oat grain is 7 days.
The PHI for wheat grain is 7 days."

Sugarcane:
-The directions to apply up to 2.0 lbs ae per acre exceed the maximum allowable rate of 1.0 lbs ae per acre per application. The label must be revised.
-Per the revised label table, add an 87-day PHI.

Pasture, Hay, Rangeland and General Farmstead:
-The directions to apply up to 2.0 lbs ae per acre exceed the maximum allowable rate of 1.0 lbs ae per acre per application. The label must be revised.

-Per the revised label table, add the following PHIs:
"The PHI for grass forage is 0 days.

The PHI for grass hay is 7 days."

Forest Site Preparation:
-The directions to apply up to 2.0 lbs ae per acre exceed the maximum allowable rate of 1.0 lbs ae per acre per application. The label must be revised.

Conservation Reserve Program (CPR) Acre:
-The directions to apply up to 1.5 lbs ae per acre to bolting biennials and up to 2 lbs ae per acre to treat perennials exceed the maximum allowable rate of 1.0 lbs ae per acre per application. The label must be revised.

Grass Seed Crops:
-Per the revised label table, add the following PHIs:
"The PHI for grass forage is 0 days.
The PHI for grass hay is 7 days."

Annual Grass Control:
-Per the revised label table, add the following PHIs:
"The PHI for grass forage is 0 days.
The PHI for grass hay is 7 days."

-The directions to apply up to 2 lbs ae per acre exceed the maximum allowable rate of 1.0 lbs ae per acre. The label must be revised.

Preplant Directions (Post Harvest/Fallow/Crop Stubble/Set-A-Side) for Broadleaf Weed Control Before Wheat, Corn, Sorghum Soybeans:
-The directions to apply up to 2 lbs ae per acre exceed the maximum allowable rate of 1.0 lbs ae per acre. The label must be revised.

Cropping Restrictions:
-The directions under the heading 'Cropping Restrictions' to "use rates up to 4 pints per treated acre" exceed the maximum allowable rate of 1.0 lbs ae per acre per application. The label must be revised.

Control of Perennial Broadleaf Weeds in Cropland (Spot Application Only):
-The directions under the heading 'Cropping Restrictions' to "use rates up to 4 pints per treated acre" exceed the maximum allowable rate of 1.0 lbs ae per acre per application. The label must be revised.

DATE OUT: 24/JULY/09

SUBJECT: PRODUCT CHEMISTRY REVIEW OF: TGAI [ ]; MUP [ ]; EUP [x]
BARCODE NO.: D366651 **REG./FILE SYMBOL NO.:** 83222-14
PRODUCT NAME: Dicamba AG
COMPANY NAME: J. Oliver Products, LLC **ACTION CODE:** 674

FROM: Maria Rivera Piansay, Chemist
Product Chemistry Team
PRB/SRRD (7508P)

TO: Julia Stokes, CRM
Product Reregistration Branch
Special Review and Reregistration Division (7508P)

INTRODUCTION:

A Reregistration Eligibility Decision (RED), Case numbers 0065, was issued in June 8, 2006 for the Technical Grade Active Ingredient (TGAI), Dicamba (and Associated Salts). According to the RED, the generic data base supporting the reregistration of Dicamba and its salts have been reviewed and found to be substantially complete. Various Dicamba salts are formulated for herbicidal use and the following compounds are considered in this RED document: Dimethylamine (DMA) salt, Sodium (Na) salt, Isopropylamine (IPA) salt, Diglycolamine (DGA) salt, and Potassium (K) salt.

In the 8-month response to the Dicamba RED, the registrant submitted a Confidential Statement of Formula (CSF), a basic formulation, dated 6/24/09; a draft label (pin-punched 3/13/09); and is citing product chemistry data from EPA Reg. No. [redacted] to support the reregistration of the subject product, EPA Reg. No. **83222-14**.

FINDINGS:

1. EPA Reg. No. 83222-14 is an end-use herbicide product that contains 49.77% Dicamba, DMA salt (Dimethylamine salt of 3,6-dichloro-o-anisic acid).

2. Review of the CSFs, labels (EPA Reg. Nos. [redacted] *vs.* 83222-14), and other available information indicates that the citation is acceptable. The subject product may rely on all product chemistry data from Reg. No. [redacted] to fulfill its product chemistry data requirements. The data were reviewed and accepted by PRB/SRRD on [redacted]. The product chemistry requirements for this product pertaining to Product Identity and Composition (830.1550), Description of Materials Used to Produce the Product (830.1600), Description of Formulation Process (830.1650), Discussion of Formation of Impurities (830.1670), Certified Limits (830.1750), Enforcement Analytical Method (Group A), and the Group B requirements (40CFR§158.190) which pertain to the Physical and Chemical properties of the product are all satisfied.

3. The CSF for the basic formulation dated 6/24/09 was filled out correctly and completely and is acceptable for reregistration of the subject product.

4. The Ingredients statements are acceptable in accordance with PR Notice 91-2 and 40 CFR 156.10(g). There are no data that trigger the Physical and Chemical Hazards statements on the label. The Storage and Disposal statements are acceptable as per 40 CFR 156.10(i)(2)(ix) and PR Notice 83-3.

CONCLUSIONS:

The registrant has satisfied the product chemistry data requirements for the reregistration of EPA Reg. No. **83222-14.**

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

July 2, 2009

MEMORANDUM:

Subject: EPA Reg. No.: 83222-14/Dicamba Max 4
DP Barcode: 366653
Case No.: 0073

From: Santa K Vinjamuri, Biologist
Product Reregistration Branch
Special Review and Reregistration Division (7508C)

To: Julia Stokes, CRM
Product Reregistration Branch
Special Review and Reregistration Division (7508C)

Applicant: J. Oliver Products, LLC
3187 Robertson Road
Hernando, MS 38632

FORMULATION FROM EPA Reg. No. 83222-14 LABEL:

	% by wt.
Active Ingredient(s):	
Dimethylamine salt of dicamba (3,6-dichloro-o-anisic acid).....	49.77%
Inert Ingredient(s):	50.23%
Total	100.00%

BACKGROUND: In the 8 month response to the Dicamba RED, the registrant is citing [redacted] for acute toxicity studies to support the reregistration of their product, EPA Reg. No. 83222-14. whose subject product is a 100% repack. After reviewing the CSF from the subject product and the data from EPA Reg.No. [redacted] which was reviewed on [redacted], the subject product may rely on the acute data from EPA Reg.No. [redacted], to cite these studies.

RECOMMENDATIONS:

- The acute toxicity studies cited are acceptable to support the reregistration of EPA Reg. No. 83222-14.

The acute toxicity profile for EPA Reg. No. 83222-14 is currently:

Acute Oral	III	Cited	[redacted]
Acute Dermal	IV	Cited	
Acute Inhalation	IV	Cited	
Primary Eye	IV	Cited	
Primary Dermal	IV	Cited	
Skin Sensitization	non sensitizer	Cited	

NOTE: The acute toxicity requirements have been satisfied for the subject product.

LABELING:

ID #: 083222-00014 DICAMBA MAX 4

SIGNAL WORD: **CAUTION**

HAZARDS TO HUMANS AND DOMESTIC ANIMALS:

Harmful if swallowed. Wear long sleeved shirt, long pants, shoes and socks.

FIRST AID:

IF SWALLOWED: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact 1-800-xxx-xxxx for emergency medical treatment information.

USER SAFETY RECOMMENDATIONS:

User should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.

User should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

Users should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

BIOLOGIC INC.
agribusiness professionals

June 25, 2009

Ms. Julia M. Stokes
Chemical Review Manager
Product Reregistration Branch (7508P)
Special Review and Reregistration Division
U.S. Environmental Protection Agency
Ariel Rios Building
1200 Pennsylvania Avenue, N.W.
Washington, D.C. 20460

SUBJECT: Revised CSF for "DICAMBA AG"; EPA Reg. No. 83222-14.

Dear Ms. Stokes:

As per our recent telephone and email communications, please find two (2) copies of the revised Confidential Statement of Formula (EPA Form 8570-4) for "DICAMBA AG" submitted on behalf of J. Oliver Products, LLC.

If you have any questions or otherwise wish to reach me, please feel free to contact my office at 203-740-1200. Thank you.

Sincerely,

Lawrence A. Miller
Principal
Agent for j.Oliver Products, LLC

cc: Andrea Lester – J. Oliver Products

received
6/29/09

115 Obtuse Hill • Brookfield, Connecticut 06804 • USA
Voice: 203.740.1200 • Fax: 203.740.1220 • Email: lmiller@biologicconsulting.com

To: "Lawrence A. Miller" <lmiller@biologicconsulting.com>
Cc:
Bcc:
Subject: Re: J. Oliver Products- Dicamba EPA Reg. No. 83222-14
From: Julia Stokes/DC/USEPA/US - Monday 06/22/2009 02:30 PM

Good Morning Larry & Jane,
A revised CSF is needed for your Dicamba product EPA Reg. NO. 83222-14. As you will see when reviewing the CSF the EPA Reg. No. in Box 4 is incorrect, the name of registrant and producer in Box 1 & 2 may need to be revised, the EPA Reg. No. cited below box 12 needs to be revised to the newly transferred EPA Reg. No. and below box 13 & 14 if the calculations are not identical to the source it might be best to just mark as 100 across all boxes. Submit the revised CSF within 10 days.

DO NOT submit the CSF in Email send through document processing desk...

CONFIRM RECEIPT of this EMAIL

(All [illegible]dential Business Information (CBI) MUST be mailed to the Agency via Document Processing Desk

Thank you,
Julia M. Stokes

Chemical Review Manager
Product Reregistration Branch
Special Review & Reregistration Division (7508P)
EPA [illegible] TS.Cr
(703) 347-8960
stokes.julia@epa.gov

Visit: http://www.epa.gov/pesticides

J. Oliver Products
Lawrence A. Miller to: Julia Stokes 06/22/2009 05:37 PM
Cc: jmiller

Hi Julia:

I received a scanned copy of the Dicamba DCI Response from J. Oliver Products (see attached .pdf file). I'm not exactly sure what you want me to do with this. Can you please give me a call at 203-740-1200? Thanks.

Best Regards,

Larry -

Lawrence A. Miller
BIOLOGIC, Inc.
115 Obtuse Hill Road
Brookfield, CT 06804

Tel: (203) 740-1200
Fax: (203) 740-1220
Email: lmiller@biologicconsulting.com

BIOLOGIC INC.
agribusiness professionals

Dicamba CSF.PDF

J. Oliver Products, LLC
3187 Robertson Gin Rd.
Hernando, MS 38632
(662) 429-7621 Ph. (662) 429-6598 Fax

March 10, 2009

Ms. Julia Stokes, Chemical Review Manager
Special Review and Reregistration Branch (7508P)
Office of Pesticide Programs
U.S. Environmental Protection Agency
Ariel Rios Building
1200 Pennsylvania Ave. N.W.
Washington, D.C. 20460

7007 3020 0001 8412 4278

RE Dicamba PDCI -029802-26610 (8 Month Response)

Ms. Stokes,

Our Dicamba Ag, product registration # 83222-14, is a 100 % repack of [redacted] Therefore my supplier will submit any and all specific data requirements to support our registration. If you have any questions please don't hesitate to contact me at 662-429-7621.

Regards,

Andrea Lester
Regulatory Mgr.

Enclosures: Data Call-in Response Sheets, CSF, Formulators Exempt

Product ingredient source information may be entitled to confidential treatment

J. Oliver Products, LLC
3187 Robertson Gin Rd.
Hernando, MS 38632
(662) 429-7621 Ph. (662) 429-6598 Fax

Ms. Catherine O'Malley
USEPA Headquarters 7502C
Ariel Rios Building
1200 Pennsylvania Avenue, N.W.
Washington, DC 20460

February 10, 2009

RE: J. Oliver Products, LLC
EPA Company Number 83222
Appointment of Agent
SENT VIA FAX: 703-305-7670

Dear Ms. O'Malley:

With this letter and in accordance with 40 C.F.R. Subpart C, Part 152.50(b)(3), J. Oliver Products, LLC is notifying the Agency of its designated agent for the above company number. Please note the following name, address, phone/fax numbers and email of our designated agent:

Lawrence A. Miller and/or Jane M. Miller
BIOLOGIC, Inc.
115 Obtuse Hill Road
Brookfield, CT 06804

Tel: 203-740-1200
Fax: 203-740-1220
Email: lmiller@biologicconsulting.com
jmiller@biologicconsulting.com

We kindly request that you take appropriate actions to make the change with effect from the date of this letter.

Thank you for your cooperation and please let me know if you need any additional information to process this request.

Sincerely,

James Oliver
President

J. Oliver Products, LLC
3187 Robertson Gin Rd.
Hernando, MS 38632
(662) 429-7621 Ph. (662) 429-6598 Fax

Feb. 13, 2009

Ms. Moana R. Appleyard, Chemical Review Manager
Special Review and Reregistration Branch (7508P)
Office of Pesticide Programs
U.S. Environmental Protection Agency
Ariel Rios Building
1200 Pennsylvania Ave. N.W.
Washington, D.C. 20460

RE Dicamba PDCI -029802-26610

Ms Appleyard,

Our Dicamba Ag, product registration # 83222-14, is a 100 % repack of [redacted] Therefore my supplier will submit any and all specific data requirements to support our registration. If you have any questions please don't hesitate to contact me at 662-429-7621.

Regards,

Andrea Lester
Regulatory Mgr.

Enclosures: Data Call-in Response Sheets and CSF

GODay!
EMO
3/19/09

J. Oliver Products, LLC
3187 Robertson Gin Rd.
Hernando, MS 38632
(662) 429-7621 Ph. (662) 429-6598 Fax

March 10, 2009

Ms. Julia Stokes, Chemical Review Manager
Special Review and Reregistration Branch (7508P)
Office of Pesticide Programs
U.S. Environmental Protection Agency
Ariel Rios Building
1200 Pennsylvania Ave. N.W.
Washington, D.C. 20460

RE Dicamba PDCI -029802-26610 (8 Month Response)

Ms. Stokes,

Our Dicamba Ag, product registration # 83222-14, is a 100 % repack of [redacted] Therefore my supplier will submit any and all specific data requirements to support our registration. If you have any questions please don't hesitate to contact me at 662-429-7621.

Regards,

Andred Lester
Regulatory Mgr.

Enclosures: Data Call-in Response Sheets, CSF, Formulators Exempt, and Application

received
3/18/09

Product ingredient source information may be entitled to confidential treatment

Julia Stokes/DC/USEPA/US
02/18/2009 12:37 PM

To Moana Appleyard/DC/USEPA/US
cc
bcc
Subject Re: Fw: Dicamba PDCI

Ms. Lester,
I am the Chemical Review Manager for your Dicamba product EPA Reg. No. 83222-14 that is under reregistration. You stated that you will be sending the hard copy through document processing for this product. Please submit the 8 month response through there also, along with the dreft label I received in email. If you haven't mailed this yet, send to my attention.

(ALL Confidential Business Information (CBI) MUST be mailed to the Agency via Document Processing Desk)

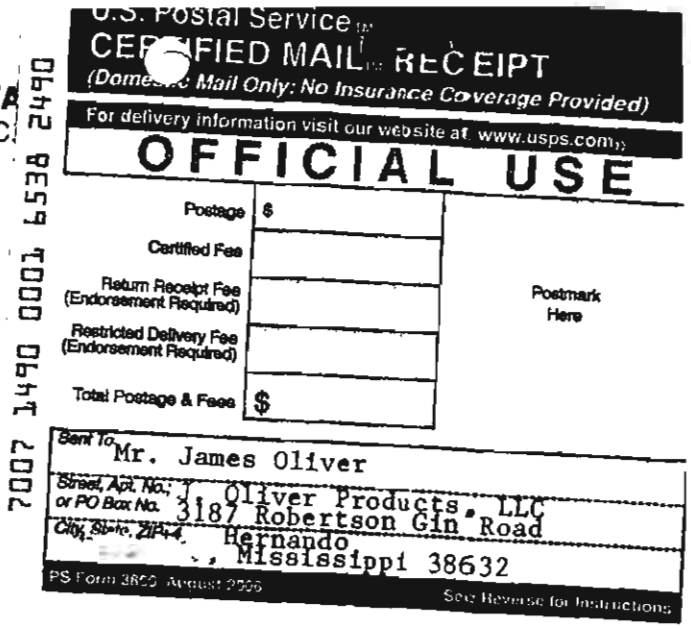
Thank you,
Julia M. Stokes

Chemical Review Manager
Product Reregistration Branch
Special Review & Reregistration Division (7508P)
EPA/OPPTS/OPP
(703) 347-8966
stokes.julia@epa.gov

Visit: http://www.epa.gov/pesticides

UNITED STATES ENVIRONMENTA
WASHINGTON, D.C.

1/15/09



CERTIFIED MAIL D-07
Mr. James Oliver
J. Oliver Products, LLC
3187 Robertson Gin Road
Hernando, Mississippi 38632

Subject: Overdue 90 day Response to Dicamba PDCI

Registrations: 83222-14

Dear Mr. Oliver:

All 90 Day Responses to the Dicamba PDCI were due to the Agency on October 15, 2008. This product is not in compliance with the Dicamba PDCI. Within 10 days of receipt of this letter you are required to submit a 90 day response for your Dicamba product. Please note that 8 month responses are due to the Agency on March 15, 2009. Failure to comply within these timeframes **will** result in a Notice of Intent to Suspend affecting the registration of your Dicamba product. If you have any questions, please contact Julia Stokes at (703) 347-8966.

Sincerely,

Patricia L. Moe, Chief
Product Reregistration Branch
Special Review and Reregistration Division

CONCURENCES								
7508P	7508P							
Stokes	PLM							
1/14/09	1/15/09							

United States Environmental Protection Agency Washington, D.C. 20460

DATA CALL-IN RESPONSE

OMB Approval 2070-0167
OMB Approval 2070-0057

INSTRUCTIONS: Please type or print in ink. Please read carefully the attached instructions and supply the information requested on this form. Use additional sheet(s) if necessary.

1. Company Name and Address	2. Case # and Name	3. Date and Type of DCI and Number
J. OLIVER PRODUCTS, LLC 3187 ROBERTSON GIN ROAD HERNANDO, MS 38632	0065 Dicamba Chemical # and Name 029802 Benzoic acid, 3,6-dichloro-2-methoxy-, compd with N-methylmethanamine (1:1)	27-Jun-2006 PRODUCT SPECIFIC ID # PDCI-029802-26610

4. EPA Product Registration	5. I wish to cancel this product registration voluntarily	6. Generic Data		7. Product Specific Data	
		6a. I am claiming a Generic Data Exemption because I obtain the active ingredient from the source EPA registration number listed below.	6b. I agree to satisfy Generic Data requirements as indicated on the attached form entitled "Requirements Status and Registrant's Response."	7a. My product is an MUP and I agree to satisfy the MUP requirements on the attached form entitled "Requirements Status and Registrant's Response."	7b. My product is an EUP and I agree to satisfy the EUP requirements on the attached form entitled "Requirements Status and Registrant's Response."
53922-[redacted]		N/A	N/A		100% Repack of [redacted]

8. Certification I certify that the statements made on this form and all attachments are true, accurate, and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine, imprisonment or both under applicable law.

Signature and Title of Company's Authorized Representative: Andrea [redacted] Off. Mgr.

9. Date: 2.13.09

10. Name of Company: J. Oliver Products, LLC

11. Phone Number: 662-429-7621

RECEIVED FEB 18 2009

Product ingredient source information may be entitled to confidential treatment

United States Environmental Protection
Agency Washington, D.C. 20460

DATA CALL-IN RESPONSE

OMB Approval 2070-0107
OMB Approval 2070-0057

INSTRUCTIONS: Please type or print in ink. Please read carefully the attached instructions and supply the information requested on this form. Use additional sheet(s) if necessary.

1. Company Name and Address	2. Case # and Name	3. Date and Type of DCI and Number
J. OLIVER PRODUCTS, LLC 3187 ROBERTSON GIN ROAD HERNANDO, MS 38632	0065 Dicamba Chemical # and Name 029802 Benzoic acid, 3,6-dichloro-2-methoxy-, compd with N-methylmethanamine (1:1)	27-Jun-2008 PRODUCT SPECIFIC ID # PDCI-029802-26610

.PA Product Registration	5. I wish to cancel this product registration voluntarily	6. Generic Data		7. Product Specific Data	
		6a. I am claiming a Generic Data Exemption because I obtain the active ingredient from the source EPA registration number listed below.	6b. I agree to satisfy Generic Data requirements as indicated on the attached form entitled "Requirements Status and Registrant's Response."	7a. My product is an MUP and I agree to satisfy the MUP requirements on the attached form entitled "Requirements Status and Registrant's Response."	7b. My product is an EUP and I agree to satisfy the EUP requirements on the attached form entitled "Requirements Status and Registrant's Response."
83222-14		N.A.	N.A.		100% Repack

8. Certification I certify that the statements made on this form and all attachments are true, accurate, and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine, imprisonment or both under applicable law.

Signature and Title of Company's Authorized Representative andrea [illegible] Off. Mgr.

9. Date 2.13.09

10. Name of Company J. Oliver Products, LLC

11. Phone Number 662-429-9621

United States Environmental Protection Agency Washington, D.C. 20460

OMB Approval 2070-0107
OMB Approval 2070-0057

REQUIREMENTS STATUS AND REGISTRANT'S RESPONSE

INSTRUCTIONS: Please type or print in ink. Please read carefully the attached instructions and supply the information requested on this form. Use additional sheet(s) if necessary.

1. Company Name and Address

J. OLIVER PRODUCTS, LLC
3187 ROBERTSON GIN ROAD
HERNANDO, MS 38632

2. Case # and Name

0065 Dicamba

EPA Reg. No. 83222-14

3. Date and Type of DCI and Number

27-Jun-2008
PRODUCT SPECIFIC
ID # PDCI-029802-26610

Guideline Requirement Number	5. Study Title		PROTOCOL	Progress Reports 1	2	3	6. Use Pattern	7. Test Substance	8. Time Frame (Months)	9. Registrant Response
	Product Chemistry Data Requirements (Conventional Chemical)							100% Repack		
830.1550	Product identity and composition	(1)					A, B, C, D, E, F, G, H, I, J, K, L, M, N, O	TGAI/MP/EP	8	
830.1800	Description of materials used to produce the product	(2)					A, B, C, D, E, F, G, H, I, J, K, L, M, N, O	TGAI/MP/EP	8	
830.1620	Description of production process	(3)					A, B, C, D, E, F, G, H, I, J, K, L, M, N, O	TGAI	8	
830.1650	Description of formulation process	(4)					A, B, C, D, E, F, G, H, I, J, K, L, M, N, O	MP/EP	8	
830.1670	Discussion of formation of impurities	(5)					A, B, C, D, E, F, G, H, I, J, K, L, M, N, O	TGAI/MP/EP	8	
830.1700	Preliminary analysis	(6,7,8)					A, B, C, D, E, F, G, H, I, J, K, L, M, N, O	TGAI	8	
830.1750	Certified limits	(9,10)					A, B, C, D, E, F, G, H, I, J, K, L, M, N, O	TGAI/MP/EP	8	
830.1800	Enforcement analytical method	(11)					A, B, C, D, E, F, G, H, I, J, K, L, M, N, O	TGAI/MP/EP	8	
830.6302	Color	(12)					A, B, C, D, E, F, G, H, I, J, K, L, M, N, O	TGAI/MP/EP	8	
830.6303	Physical state	(13)					A, B, C, D, E, F, G, H, I, J, K, L, M, N, O	TGAI/MP/EP	8	
830.6304	Odor	(14)					A, B, C, D, E, F, G, H, I, J, K, L, M, N, O	TGAI/MP/EP	8	

10. Certification I certify that the statements made on this form and all attachments are true, accurate, and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine, imprisonment or both under applicable law

Signature and Title of Company's Authorized Representative Andrea [illegible] off. mgr.

11. Date 2.13.09

12. Name of Company J. Oliver Products, LLC

13. Phone Number 662-429-4821

United States Environmental Protection Agency Washington, D.C. 20460

OMB Approval 2070-0107
OMB Approval 2070-0057

REQUIREMENTS STATUS AND REGISTRANT'S RESPONSE

INSTRUCTIONS: Please type or print in ink. Please read carefully the attached instructions and supply the information requested on this form. Use additional sheet(s) if necessary.

1. Company Name and Address

J. OLIVER PRODUCTS, LLC
3187 ROBERTSON GIN ROAD
HERNANDO, MS 38632

2. Case # and Name

0065 Dicamba

EPA Reg. No. 83222-14

3. Date and Type of DCI and Number

27-Jun-2008
PRODUCT SPECIFIC
ID # PDCI-029802-26610

4. Guideline Requirement Number	5. Study Title		PROTOCOL	Progress Reports 1	2	3	6. Use Pattern	7. Test Substance	8. Time Frame (Months)	9. Registrant Response
830.6313	Stability to sunlight, normal and elevated temperatures, metals, and metal ions	(15 ,16)					A, B, C, D, E, F, G, H, I, J, K, L, M, N, O	TGAI	8	100% repack
830.6314	Oxidizing or reducing action	(17)					A, B, C, D, E, F, G, H, I, J, K, L, M, N, O	MP/EP	8	
830.6315	Flammability	(18)					A, B, C, D, E, F, G, H, I, J, K, L, M, N, O	MP/EP	8	
830.6316	Explodability	(19)					A, B, C, D, E, F, G, H, I, J, K, L, M, N, O	MP/EP	8	
830.6317	Storage stability of product	(20 ,50)					A, B, C, D, E, F, G, H, I, J, K, L, M, N, O	MP/EP	8	
830.6319	Miscibility	(21)					A, B, C, D, E, F, G, H, I, J, K, L, M, N, O	MP/EP	8	
830.6320	Corrosion characteristics	(22 ,51)					A, B, C, D, E, F, G, H, I, J, K, L, M, N, O	MP/EP	8	
830.6321	Dielectric breakdown voltage	(23)					A, B, C, D, E, F, G, H, I, J, K, L, M, N, O	MP/EP	8	
830.7000	pH of water solutions or suspensions	(24 ,25)					A, B, C, D, E, F, G, H, I, J, K, L, M, N, O	TGAI/MP/EP	8	
830.7050	UV/Visible absorption						A, B, C, D, E, F, G, H, I, J, K, L, M, N, O	TGAI/PAI	8	
830.7100	Viscosity	(26)					A, B, C, D, E, F, G, H, I, J, K, L, M, N, O	MP/EP	8	
830.7200	Melting point/melting range	(27 ,28)					A, B, C, D, E, F, G, H, I, J, K, L, M, N, O	TGAI	8	

Initial to indicate certification as to information on this page (full text of certification is on page one). ACL

Date 2.13.09

United States Environmental Protection
Agency Washington, D.C. 20460

OMB Approval 2070-0107
OMB Approval 2070-0057

REQUIREMENTS STATUS AND REGISTRANT'S RESPONSE

INSTRUCTIONS: Please type or print in ink. Please read carefully the attached instructions and supply the information requested on this form. Use additional sheet(s) if necessary.

1. Company Name and Address	2. Case # and Name	3. Date and Type of DCI and Number
J. OLIVER PRODUCTS, LLC 3187 ROBERTSON GIN ROAD HERNANDO, MS 38632	0065 Dicamba EPA Reg. No. 83222-14	27-Jun-2008 PRODUCT SPECIFIC ID # PDCI-029802-26610

Guideline Requirement Number	5. Study Title		PROTOCOL	Progress Reports 1	2	3	6. Use Pattern	7. Test Substance	8. Time Frame (Months)	9. Registrant Response
830.7220	Boiling point/boiling range	(29 ,30)					A, B, C, D, E, F, G, H, I, J, K, L, M, N, O	TGAI	8	100% Refpack
830.7300	Density/relative density	(31 ,32)					A, B, C, D, E, F, G, H, I, J, K, L, M, N, O	TGAI/MP/EP	8	
830.7370	Dissociation constant in water	(42 ,43)					A, B, C, D, E, F, G, H, I, J, K, L, M, N, O	TGAI or PAI	8	
830.7550	Partition coefficient (n-octanol/water), shake flask method	(46)					A, B, C, D, E, F, G, H, I, J, K, L, M, N, O	TGAI/PAI	8	
830.7570	Partition coefficient (n-octanol/water), estimation by liquid chromatography	(44)					A, B, C, D, E, F, G, H, I, J, K, L, M, N, O	TGAI/PAI	8	
830.7840	Water solubility: Column elution method, shake flask method	(45)					A, B, C, D, E, F, G, H, I, J, K, L, M, N, O	TGAI or PAI	8	
830.7860	Water solubility, generator column method	(47)					A, B, C, D, E, F, G, H, I, J, K, L, M, N, O	TGAI or PAI	8	
830.7950	Vapor pressure	(46 ,49)					A, B, C, D, E, F, G, H, I, J, K, L, M, N, O	TGAI or PAI	8	
	Toxicology Data Requirements (Conventional Chemical)									
870.1100	Acute Oral Toxicity	(33)					A, B, C, D, E, F, G, H, I, J, K, L, M, N, O	TGAI,EP,dilute EP?	8	
870.1200	Acute dermal toxicity	(34 ,35)					A, B, C, D, E, F, G, H, I, J, K, L, M, N, O	TGAI,EP,dilute EP?	8	
870.1300	Acute inhalation toxicity	(36)					A, B, C, D, E, F, G, H, I, J, K, L, M, N, O	TGAI & EP	8	

Initial to Indicate certification as to information on this page (full text of certification is on page one). ACL

Date 2.13.09

Form Approved. OMB No. 2070-0060. Approval Expires 5-31-98.

United States
Environmental Protection Agency
Washington, DC 20460

Formulator's Exemption Statement

(40 CFR 152.85)

Applicant's Name and Address	EPA File Symbol/Registration Number
Control Solutions, Inc. 5903 Genoa-Red Bluff Pasadena, TX 77507-1041	53883 -
	Product Name Dicamba AG
	Date of Confidential Statement of Formula *(EPA Form 8570-4)* 02/19/04

As an authorized representative of the applicant for registration of the product identified above, I certify that:

(1) This product contains the following active ingredient(s):

Dimethylamine salt of dicamba

(2) Of these, each active ingredient listed in paragraph (4) is present solely as the result of the use of that active ingredient in the manufacturing, formulation or repackaging another product which contains that active ingredient which is registered under FIFRA Section 3, is purchased by us from another producer, and is labeled for at least each use for which my product is proposed to be labeled.

(3) Indicate by checking (A) or (B) below which paragraph applies:

☒ (A) An accurate Confidential Statement of Formula *(EPA FORM 8570-4)* for the above identified product is attached to this statement. That formula statement indicates, by company name, registration number, and product name, the source of the active ingredient(s) listed in paragraph (1).

OR

☐ (B) The Confidential Statement of Formula (CSF) (EPA Form 8570-4) referenced above and on file with the EPA is complete, current, and accurate and contains the information required on the current CSF.

(4) The following active ingredients in this product qualify for the formulator's exemption.

Source		
Active Ingredient	**Product Name**	**Registration Number**
Dimethylamine salt of dicamba	[redacted]	

Signature	Name and Title	Date
	Joe Blake - Director, Regulatory Affairs	2-19-04

EPA Form 8570-27 (Rev. 8-95)

White - EPA copy
Yellow - Applicant copy

★ U.S. GPO: 1996-386-620/20413

Product ingredient source information may be entitled to confidential treatment

Print Form

Please read instructions on reverse before completing form. Form Approved. OMB No. 2070-0060. Approval expires 2-28

United States
Environmental Protection Agency
Washington, DC 20460

☐ Registration
☐ Amendment
☒ Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number	2. EPA Product Manager	3. Proposed Classification
83222-14	Joanne Miller	☒ None ☐ Restricte
4. Company/Product (Name)	**PM#**	
Dicamba Ag	23	

5. Name and Address of Applicant *(Include ZIP Code)*
J. Oliver Products, LLC
3187 Robertson Gin Rd.
Hernando, MS 38632

☐ *Check if this is a new address*

6. Expedited Review. In accordance with FIFRA Section 3(c)(3)(b)(ii), my product is similar or identical in composition and labeling to:
EPA Reg. No. [redacted]
Product Name [redacted]

Section - II

☐ Amendment - Explain below.
☒ Resubmission in response to Agency letter dated July 27, 2008
☐ Notification - Explain below.
☐ Final printed labels in response to Agency letter dated
☐ "Me Too" Application.
☐ Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

8 month response to Dicamba PDCI 029802-26610

Section - III

1. Material This Product Will Be Packaged In:

Child-Resistant Packaging	Unit Packaging	Water Soluble Packaging	2. Type of Container
☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☐ No	☐ Metal ☒ Plastic ☐ Glass ☐ Paper ☐ Other (Specify)
* ***Certification must be submitted***	If "Yes" Unit Packaging wgt. / No. per container	If "Yes" Package wgt / No. per container	

3. Location of Net Contents Information	4. Size(s) Retail Container	5. Location of Label Directions
☒ Label ☐ Container		☐ On Label ☒ On Labeling accompaning product

6. Manner in Which Label is Affixed to Product: ☒ Lithograph / Paper glued / Stenciled ☐ Other

Section - IV

1. Contact Point *(Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)*

Name	Title	Telephone No. (Include Area Code)
Andrea Lester	Reg. Manager	662-429-7621

Certification

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowlingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.

6. Date Application Received (Stamped)

2. Signature	3. Title
	Reg. Manager
4. Typed Name	**5. Date**
Andrea Lester	3.10.09

EPA Form 8570-1 (Rev. 3-94) Previous editions are obsolete. White - EPA File Copy (original) Yellow - Applicant C

Print Form

Please read instructions on reverse before completing form. Form Approved. OMB No. 2070-0060. Approval expires 2-28-

EPA

United States
Environmental Protection Agency
Washington, DC 20460

- [ ] Registration
- [ ] Amendment
- [x] Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number	2. EPA Product Manager	3. Proposed Classification
83222-14	Joanne Miller	[x] None [ ] Restricted
4. Company/Product (Name)	**PM#**	
Dicamba Ag	23	

5. Name and Address of Applicant *(Include ZIP Code)*
J. Oliver Products, LLC
3187 Robertson Gin Rd.
Hernando, MS 38632

[ ] *Check if this is a new address*

6. Expedited Review. In accordance with FIFRA Section 3(c)(3)(b)(i), my product is similar or identical in composition and labeling to:
EPA Reg. No. [redacted]
Product Name [redacted]

Section - II

- [ ] Amendment - Explain below.
- [x] Resubmission in response to Agency letter dated July 27, 2008
- [ ] Notification - Explain below.
- [ ] Final printed labels in response to Agency letter dated _____
- [ ] "Me Too" Application.
- [ ] Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

8 month response to Dicamba PDCI 029802-26610

Section - III

1. Material This Product Will Be Packaged In:

Child-Resistant Packaging	Unit Packaging	Water Soluble Packaging	2. Type of Container
[ ] Yes [x] No	[ ] Yes [x] No	[ ] Yes [ ] No	[ ] Metal [x] Plastic [ ] Glass [ ] Paper [ ] Other (Specify)
* *Certification must be submitted*	If "Yes" Unit Packaging wgt. / No. per container	If "Yes" Package wgt / No. per container	

3. Location of Net Contents Information	4. Size(s) Retail Container	5. Location of Label Directions
[x] Label [ ] Container		[ ] On Label [x] On Labeling accompanying product

6. Manner In Which Label Is Affixed to Product [x] Lithograph / Paper glued / Stenciled [ ] Other _____

Section - IV

1. Contact Point *(Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)*

Name	Title	Telephone No. (Include Area Code)
Andrea Lester	Reg. Manager	662-429-7621

Certification

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.

6. Date Application Received (Stamped)

2. Signature	3. Title	4. Typed Name	5. Date
[signature]	Reg. Manager	Andrea Lester	3.10.09

133

EPA Form 8570-1 (Rev. 3-94) Previous editions are obsolete

Product ingredient source information may be entitled to confidential treatment

Form Approved. OMB No. 2070-0060. Approval Expires 5-31-98.

United States
Environmental Protection Agency
Washington, DC 20460

Formulator's Exemption Statement

(40 CFR 152.85)

Applicant's Name and Address	EPA File Symbol/Registration Number
Control Solutions, Inc. 5903 Genoa-Red Bluff Pasadena, TX 77507-1041	53883 -
	Product Name Dicamba AG
	Date of Confidential Statement of Formula *(EPA Form 8570-4)* 02/19/04

As an authorized representative of the applicant for registration of the product identified above, I certify that:

(1) This product contains the following active ingredient(s):

Dimethylamine salt of dicamba

(2) Of these, each active ingredient listed in paragraph (4) is present solely as the result of the use of that active ingredient in the manufacturing, formulation or repackaging another product which contains that active ingredient which is registered under FIFRA Section 3, is purchased by us from another producer, and is labeled for at least each use for which my product is proposed to be labeled.

(3) Indicate by checking (A) or (B) below which paragraph applies:

☒ (A) An accurate Confidential Statement of Formula *(EPA FORM 8570-4)* for the above identified product is attached to this statement. That formula statement indicates, by company name, registration number, and product name, the source of the active ingredient(s) listed in paragraph (1).

OR

☐ (B) The Confidential Statement of Formula (CSF) (EPA Form 8570-4) referenced above and on file with the EPA is complete, current, and accurate and contains the information required on the current CSF.

(4) The following active ingredients in this product qualify for the formulator's exemption.

Source

Active Ingredient	Product Name	Registration Number
Dimethylamine salt of dicamba	[redacted]	[redacted]

Signature	Name and Title	Date
	Joe Blake - Director, Regulatory Affairs	2-19-04

EPA Form 8570-27 (Rev. 8-95)

White - EPA copy
Yellow - Applicant copy

* U.S. GPO: 1996-388-820/20413

Product ingredient source information may be entitled to confidential treatment

Jacket

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

J. Oliver Products, LLC
3187 Robertson Gin Road
Hernando, MS 38632

AUG 25 2009

Subject: Registration Amendment
Product Name: DICAMBA AG
EPA Reg. No. 83222-14
Application Dated April 30, 2009

Dear Ms. Miller:

The registration amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is acceptable, provided you make the following changes before you release the product for shipment.

1. Make the following revisions to the product labeling:

   a. Per the acute toxicity review, change the signal from "WARNING/AVISO" to "CAUTION."

   b. Per the acute toxicity review, the "IF SWALLOWED" statements must precede all other First Aid statements. In addition, correct the typographical error "IF ON **SKN** OR CLOTHING."

   c. Per the acute toxicity review, revise the Hazards to Humans and Domestic Animals to read as follows:
   "CAUTION: Harmful if swallowed."

   d. Replace the Engineering Controls Statement with the following:

   "Pilots must use cockpits in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides (40 CFR 170.240(d)(4-6)."

Continued on Page 2

e. The PPE section must read as follows: (changes in *italics*)

"Personal Protective Equipment (PPE)
Some materials that are chemical-resistant to this product are made of any waterproof material. If you want more options, follow the instructions for category A on an EPA chemical-resistant category selection chart."

All mixers, loaders, applicators and other handlers must wear:
-Long-sleeved shirt and long pants
-Shoes plus socks, and
-Chemical-resistant gloves *(except for applicators using groundboom equipment, pilots and flaggers).*
See engineering controls for additional requirements.

Discard clothing and other absorbent materials....separately from other laundry."

f. Revise the User Safety Recommendation statement "Remove clothing immediately if..." to "Remove clothing/**PPE** immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing."

g. Revise the non-agricultural use requirement to read as follows by adding the text in **bold**: "Do not **enter or** allow others to enter the treated areas until the spray has dried."

h. Replace the word "General" with "Product" in the heading "General Information."

i. Add the following PHI restriction to the 'Sorghum (Milo)' section:
"Grain sorghum (PHI): 30 days"
"Fodder (PHI): 30 days"
"Forage (PHI): 20 days"

j. Add the following PHI restriction to the 'Small Grains...' section:
"Grain (PHI): 7 days"

k. Remove the word "recommended" from the 'Weeds controlled' section on page 11 of 26 and replace it with either "specified" or "label listed."

l. Add the following PHI restriction to the Sugarcane section:
"Pre-harvest Interval (PHI): 87 days"

Continued on Page 3

m. Revise the rate statement on page 17 of 26 to the following (changes in **bold**):
"NOTE: Retreatments may be made as needed; however, do not exceed a total of 2 pints (1 lb. a.e.) of DICAMBA AG **per acre** per treatment with a maximum of 2 treatments per year."

n. Remove "* Rates above 1.0 lb a.i./A are spot treatments only." on page 18 of 26.

o. Replace the word "should" with "must" in the sentence "The Directions for Use of this product *should* be followed carefully." found in the second paragraph under the 'Conditions of Sale and Limitation of Warranty and Liability.'

p. The following tank mix partner names are not active registration names and must be revised throughout the label:
Tough, Finesse, Glean, Dakota, Tiller, Bronco, Partner, and Screen.
Fallow Master is a registered trademark of Monsanto.

q. Remove "with a maximum of 2 applications per year." found in the second paragraph under the 'Control of Perennial Broadleaf Weeds in Cropland (Spot Application Only)' section as it contradicts the text "Make only one application on Dicamba Ag per year."

In addition, define 'Spot Application' as an area no greater than 1000 ft. sq. per acre.

2. Submit Storage Stability and Corrosion Characteristics studies that include data for 3,6,9 and 12 month intervals. These data must be submitted within 1 year of the date of this letter.

A stamped copy of your labeling is enclosed for your records. You must submit one (1) copy of the final printed label before you release the product for shipment. Products shipped after the next printing must bear the new revised label. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions. Amended labeling will supercede all previously accepted ones.

Sincerely,

Joanne Miller
Product Manager 23
Herbicide Branch
Registration Division (7505P)

ACCEPTED
with COMMENTS
In EPA Letter Dated:
AUG 25 2009 ~~6000-57-6-ONV~~
Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No.
83222-14

DICAMBA AG

HERBICIDE FOR WEED CONTROL IN CORN, COTTON, SORGHUM, SOYBEAN, SMALL GRAINS, PASTURE, HAY, RANGELAND, GENERAL FARMSTEAD (NON-CROPLAND), FALLOW, SUGARCANE, ASPARAGUS, TURF AND GRASS

ACTIVE INGREDIENT:	
Dimethylamine salt of dicamba (3,6-dichloro-O-anisic acid)*	49.2%
OTHER INGREDIENTS:	50.8%
TOTAL:	100.0%

*This product contains 40.0% 3,6-dichloro-o-anisic acid (dicamba) or 4 pounds per gallon (480 g/L).

KEEP OUT OF REACH OF CHILDREN
WARNING/AVISO

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

FIRST AID	
IF IN EYES:	• Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present after the first 5 minutes, then continue rinsing eye. • Call poison control center or doctor for treatment advice.
IF ON SKN OR CLOTHING:	• Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
IF SWALLOWED:	• Call a poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by a poison control center or doctor. • Do not give anything by mouth to an unconscious person.
HOT LINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-222-1222.	

EPA Reg. No. 83222-14 EPA Est. No. XXXXX-XX-XXX

Manufactured by:
J. OLIVER PRODUCTS, LLC
3187 Robertson Gin Road
Hernando, MS 38632

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
WARNING / AVISO

Causes substantial but temporary eye injury. Do not get in eyes, on skin, or on clothing. Harmful if swallowed. Avoid breathing spray mist.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves
- Shoes plus socks
- Protective eyewear

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

ENGINEERING CONTROLS STATEMENTS

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240 (d) (4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

USER SAFETY RECOMMENDATIONS

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters or rinsate.

Apply this product only as directed on label.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 24 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water is:

- Coveralls worn over short-sleeve shirt and short pants
- Chemical-resistant footwear plus socks
- Chemical-resistant gloves made of any waterproof material
- Chemical-resistant headgear for overhead exposure
- Protective eyewear

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to the uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, in nurseries, in forests, or in greenhouses.

Do not allow others to enter the treated areas until the spray has dried.

Before applying DICAMBA AG, read all directions and precautions appearing on the container label and in this booklet. Failure to follow all directions and precautions may result in unsatisfactory weed control, crop injury, or illegal residues.

GENERAL INFORMATION

The following directions apply to all uses of DICAMBA AG. Additional precautions and restrictions will be found in each specific use section.

Do not treat irrigation ditches or water used for crop irrigation or domestic uses.

Do not apply this product through any type of irrigation system.

Do not exceed the maximum single application rate of 2 pints (1.0 lb. a.i.) DICAMBA AG per application with no more than 2 applications per year.

MIXING AND APPLICATION

UNLESS OTHERWISE SPECIFIED UNDER THE INDIVIDUAL USE HEADINGS OF THIS BOOKLET, THE FOLLOWING DIRECTIONS APPLY TO ALL CROP AND NON-CROP USES OF DICAMBA AG. REFER TO INDIVIDUAL USE SECTIONS FOR ADDITIONAL PRECAUTIONS, RESTRICTIONS, APPLICATION RATES AND TIMINGS.

DICAMBA AG is a water-soluble formulation that can be applied using water or sprayable fluid fertilizer as the carrier. If a fluid fertilizer is to be used, a compatibility test (See COMPATIBILITY TEST) should be made prior to tank mixing.

Ground or aerial application equipment, which will give good spray coverage of weed foliage, should be used. HOWEVER, DO NOT USE AERIAL APPLICATION EQUIPMENT IF SPRAY PARTICLES CAN BE CARRIED BY WIND INTO AREAS WHERE SENSITIVE CROPS OR PLANTS ARE GROWING OR WHEN TEMPERATURE INVERSIONS EXIST.

Apply 3 to 50 gallons of diluted spray per treated acre when using ground application equipment or 1 to 10 gallons of diluted spray per treated acre (2 to 20 gallons of diluted spray per acre for preharvest uses) in a water-based carrier when using aerial application equipment. Use the higher level of the listed spray volumes when treating dense or tall vegetation. Use coarse sprays.

Select nozzles designed to produce minimal amounts of fine spray particles. Spray with nozzles as close to the weeds as is practical for good weed coverage.

To avoid uneven spray coverage, DICAMBA AG should not be applied during periods of gusty wind or when wind is in excess of 15 mph.

Avoid disturbing (e.g., cultivating or mowing) treated areas for at least 7 days following application.

BEST STEWARDSHIP PRACTICES

DICAMBA AG provides effective broadleaf weed and brush control when properly applied. Best stewardship practices in all mixing, loading, and application operations not only maximize weed control, but also protect ground and surface waters and minimize off-target movement.

This chemical is known to leach through the soil into ground water under certain conditions as a result of agricultural use. Use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination.

GROUND AND SURFACE WATERS PROTECTION

1) Point source contamination - To prevent point source contamination, do not mix, load this pesticide product within 50 feet of wells (including abandoned wells and drainage wells), sink holes, perennial or intermittent streams and rivers, and natural or impounded lakes and reservoirs. Do not apply pesticide product within 50 feet of wells. This setback does not apply to properly capped or plugged abandoned wells and does not apply to impervious pad, or properly diked mixing/loading areas as de-scribed below.

Mixing, loading, rinsing, or washing operations performed within 50 feet of a well are allowed only when conducted on an

impervious pad constructed to withstand the weight of the heaviest load that may be on or move across the pad. The pad must be self-contained to prevent surface water flow over or from the pad. The pad capacity must be maintained at 110% that of the largest pesticide container or application equipment used on the pad and have sufficient capacity to contain all product spills, equipment or container leaks, equipment wash waters, and rainwater that may fall on the pad. The containment capacity does not apply to vehicles delivering pesticide shipments to the mixing/loading site. States may have in effect additional requirements regarding wellhead setbacks and operational containment.

Care must be taken when using this product to prevent: a) back siphoning into wells, b) spills or c) improper disposal of excess pesticide, spray mixtures or rinsates. Check valves or anti-siphoning devices must be used on all mixing equipment.

2) Movement by surface runoff or through soil - Do not apply under conditions which favor runoff. Do not apply to impervious substrates such as paved or highly compacted surfaces In areas with high potential for ground water contamination. Ground water contamination may occur in areas where soils are permeable or coarse and ground water is near the surface. Do not apply to soils classified as sand with less than 3% organic matter and where ground water depth is shallow (less than 8 feet in Arizona). To minimize the possibility of ground water contamination, carefully follow application rate recommendations as affected by soil type in the general information section of this label.

3) Movement by water erosion of treated soil - Do not apply or incorporate this product through any type of irrigation equipment nor by flood or furrow irrigation. Ensure treated areas have received at least one-half inch rainfall (or irrigation) before using tailwater for subsequent irrigation of other fields.

SENSITIVE CROP PRECAUTIONS

DICAMBA AG may cause injury to desirable trees and plants, particularly beans, cotton, flowers, fruit trees, grapes, ornamentals, peas, potatoes, soybeans, sunflowers, tobacco, tomatoes, and other broadleaf plants when contacting their roots, stems or foliage. These plants are most sensitive to DICAMBA AG during their development or growing stage. FOLLOW THE PRECAUTIONS LISTED BELOW WHEN USING DICAMBA AG.

- Do not treat areas where either possible downward movement into the soil or surface washing may cause contact of DICAMBA AG with the roots of desirable plants such as trees and shrubs.
- Avoid making applications when air currents may carry spray particles to areas where sensitive crops and plants are growing, or when temperature inversions exist. Do not spray near sensitive plants if wind is gusty or in excess of 5 mph and moving in the direction of adjacent sensitive crops. Leave an adequate buffer zone between area to be treated and sensitive plants. Coarse sprays are less likely to drift out of the target area than fine sprays.
- Use coarse sprays to avoid potential herbicide drift. Select nozzles, which are designed to produce minimal amounts of fine spray particles. Examples of nozzles designed to produce coarse sprays via ground application are Delavan Raindrops, Spraying Systems XR flat fans, or large capacity flood nozzles such as D10, TK10, or greater capacity tips. Keep the spray pressure at or below 20 psi and the spray volume at or above 20 GPA, unless otherwise required by the manufacturer of drift-reducing nozzles. Consult your spray nozzle supplier concerning the choice of drift-reducing nozzles.
- Agriculturally approved drift-reducing additives may be used.
- Do not apply DICAMBA AG adjacent to sensitive crops when the temperature on the day of application is expected to exceed 85°F as drift is more likely to occur.
- To avoid injury to desirable plants, equipment used to apply DICAMBA AG should be thoroughly cleaned (See PROCEDURE FOR CLEANING SPRAY EQUIPMENT) before reusing to apply any other chemicals.

All crop uses of DICAMBA AG are intended for a normal growing interval between planting and harvest. No crop rotation restrictions exist if normal harvest of treated crop has occurred. If this interval is shortened, such as in cover crops that will be plowed under, do not follow up with the planting of a sensitive crop.

Crops growing under stress conditions such as drought, poor fertility, or foliar damage due to hail, wind or insects, can exhibit various injury symptoms that may be more pronounced if herbicides are applied.

Consult your local or state authorities for possible application restrictions and advice concerning these and other special local use situations. Tank mix recommendations are for use only in states where the tank mix product and application site are registered.

BAND TREATMENTS

DICAMBA AG may be applied as a band treatment. Use the formulas below to determine the appropriate rate and volume per treated acre.

$$\frac{\text{Band width in inches}}{\text{Row width in inches}} \times \text{Broadcast RATE per treated acre} = \text{Band RATE per treated acre}$$

$$\frac{\text{Band width in inches}}{\text{Row width in inches}} \times \text{Broadcast VOLUME per treated acre} = \text{Band VOLUME per treated acre}$$

COMPATIBILITY TEST

Before mixing in the spray tank, it is advisable to test compatibility by mixing all components in a small container in proportionate quantities (see following table).

Amount of Herbicide to Add to One Pint of Spray Carrier
(Assuming Volume is 25 Gallons per Acre)

HERBICIDE FORMULATIONS	RATE PER ACRE	LEVEL TEASPOONS
Dry	1lb.	1 1/2
Liquid	1 pt.	1/2

If herbicide(s) do not ball-up or form flakes, sludge, gels, oily films or layers, or other precipitates, then the tested spray mix is compatible. Usually, incompatibility in any of the above-described forms will occur with 5 minutes after mixing.

If components are incompatible, the use of a compatibility agent is recommended. Rerun the above COMPATIBILITY TEST with a suitable compatibility agent (1/4 teaspoon is equivalent to 2 pints per 100 gallons of fluid fertilizer).

PROCEDURE FOR CLEANING SPRAY EQUIPMENT

The steps listed below are suggested for thorough cleaning of spray equipment following applications of DICAMBA AG or tank mixes of DICAMBA AG or tank mixes of DICAMBA AG plus 2,4-D amine.

1) Hose down thoroughly the inside as well as outside surfaces of equipment while filling the spray tank half full of water. Flush by operating sprayer until the system is purged of the rinse water.

2) Fill tank with water while adding 1 quart of household ammonia for every 25 gallons of water. Operate the pump to circulate the ammonia solution through the sprayer system for 15 to 20 minutes and discharge a small amount of the ammonia solution through the boom and nozzles. Let the solution stand for several hours, preferably ovemight.

3) Flush the solution out of the spray tank through the boom.

4) Remove the nozzles and screens and flush the system with two full tanks of water.

The steps listed below are suggested for thorough cleaning of spray equipment used to apply DICAMBA AG as a tank mix with wettable powders (WP), emulsifiable concentrates (EC), or other types of water-dispersible formulations. DICAMBA AG tank mixes with water-dispersible formulations require the use of a water/detergent rinse.

5) Complete step 1.

6) Fill tank with water while adding 2 lbs. of detergent for every 40 gallons of water. Operate the pump to circulate the detergent solution through the sprayer system for 5 to 10 minutes and discharge a small amount of the solution through the boom and nozzles. Let the solution stand for several hours, preferably ovemight.

7) Flush the detergent solution out of the spray tank through the boom.

8) Repeat step 1, and follow with steps 2, 3 and 4.

GENERAL WEED LIST

This is a general list of weeds which may be treated with DICAMBA AG in accordance with this label as recommended under the rates and timing sections of the Individual Use headings. Proper usage of this product will give control or growth suppression of many ANNUAL, BIENNIAL, and PERENNIAL broadleaf weeds, and many WOODY brush and vine species including:

ANNUAL			
Amaranth, Spiny (Spiny Pigweed)	Evening Primrose, Cutleaf	Pennycress, Field (Fanweed,	Sicklepod
Aster, Slender	Fleabane, Annual	Frenchweed, Stinkweed)	Sida, Prickly (Teaweed)
Bedstraw	Goosefoot, Nettleleaf	Pepperweed, Virginia	Smartweed, Green
Beggarweed, Florida	Henbit	(Peppergrass)	Smartweed, Pennsylvania
Broomweed, Common	Jimsonweed	Pigweed, Prostrate	Sneezeweed, Bitter
Buckwheat, Wild	Knotweed	Pigweed, Redroot (Carelessweed)	Sowthistle, Annual
Buffalobur	Kochia	Pigweed, Rough	Sowthistle, Spiny
Burclover, California	Ladysthumb	Pigweed, Smooth	Spikeweed, Common
Burcucumber	Lambsquarters Common	Pigweed (triazine resistant)	Spurge, Prostrate
Buttercup, Roughseed	Lambsquarters (triazine resistant)	Pigweed, Tumble	Spurry, Corn
Carpetweed	Lettuce, Prickly	Poorjoe	Starbur, Bristly
Catchfly, Nightflowering	Mallow, Common	Puncturevine	Sumpweed, Rough
Chamomile, Corn	Mallow, Venice	Purslane, Common	Sunflower, Common (Wild)
Chickweed, Common	Mare's Tail (Horseweed)	Pusley, Florida	Sunflower, Volunteer
Clovers (Annual)	Mayweed	Radish, Wild	Thistle, Russian
Cockle, Corn	Morning-glory, Ivyleaf	Ragweed, Common	Velvetleaf
Cockle, Cow	Morning-glory, Tall	Ragweed, Giant (Buffaloweed)	Waterhemp
Cocklebur, Common	Mustard, Tansy	Ragweed, Lance-Leaf	Waterprimrose, Winged
Croton, Tropic	Mustard, Wild	Rubberweed, bitter (Bitterweed)	Wormwood, Annual
Croton, Woolly	Mustard (Yellowtops)	Sesbania, Hemp	
Daisy, English	Nightshade, Black	Shepherdpurse	

BIENNIALS			
Burdock, Common	Geranium, Carolina	Plantain, Bracted	Thistle, Bull
Carrot, Wild	Gromwell	Ragwort, Tansy	Thistle, Milk
(Queen Anne's Lace)	Knapweed, Diffuse	Starthistle, Yellow	Thistle, Musk
Cockle, White	Knapweed, Spotted	Sweetclover	Thistle, Plumeless
Evening Primrose, Common	Mallow, Dwarf	Teasel	

PERENNIALS			
*Alfalfa	*Dock Broadleaf (Bitterdock)	Milkweed, Western Whorled	Sundrop, Halfshrub
Artichoke, Jerusalem	*Dock, Curly	Nettle, Stinging	(Evening Primrose)
Aster, Spiny	Dogbane, Hemp	Nightshade, Silverleaf	Thistle, Canada
Aster, Whiteheath	*Dogfennel (Cypressweed)	(White Horsenettle)	Toadflex, Dalmation
Beadstraw, Smooth	Fern, Bracken	Onion, Wild	Tropical Soda Apple
Bindweed, Field	Garlic, Wild	*Plantain, Broadleaf	Trumpetcreeper (Buckvine)
Bindweed, Hedge	Goldenrod, Canada	*Plantain, Buckhorn	Vetch
Blueweed, Texas	Goldenrod, Missouri	Pokeweed	Waterhemlock
*Bursage, (Bur Ragweed,	Goldenweed, Common	Ragweed, Western	Waterprimrose, Creeping
Lakeweed, Povertyweed)	Hawkweed	Redvine	*Woodsorrel, Creeping
Buttercup, Tall	Henbane, Black	Sericia Lespedeza	Common Yellow
Campion, Bladder	Horsenettle, Carolina	Smartweed, Swamp	Wormwood, Common
Chickweed, Field	Ironweed	Snakeweed, Broom	Wormwood, Louisiana
Chickweed (Mouseear,	Knapweed, Black	*Sorrel, Red (Sheep Sorrel)	*Yankeeweed
Canada)	Knapweed, Russian	Sowthistle	Yarrow, Common
Chicory	Milkweed, Climbing	Sowthistle, Perennial	
*Clover, Hop	Milkweed, Common	Spurge, Leafy	
*Dandelion, Common	Milkweed, Honeyvine		

*Noted perennials may be controlled using DICAMBA AG at rates lower than those recommended for other listed perennial weeds. (See application rates and timing sections in this label.)

WOODY			
Alder	*Dewberry	Locust, Black	Sagebrush, Fringed
Ash	*Dogwood	Maple	Sassafras
Aspen	Elm	Mesquite	Serviceberry
Basswood	Grape	Oak	Spicebush
Beech	*Hawthorn (Thornapple)	Oak, Poison	Spruce
Birch	Hemlock	Olive, Russian	Sumac
*Blackberry	Hickory	Persimmon, Eastern	*Sweetgum
*Blackgum	Honeylocust	Pine	Sycamore
*Cedar	Honeysuckle	*Plum, Sand (Wild Plum)	Tarbush
Cherry	Hornbeam	Poplar	Willow
Chinquapin	Huckleberry	Rabbitbrush	Witchhazel
Cottonwood	Huisache	*Redcedar, Eastern	*Yaupon
*Creosotebush	Ivy, Poison	*Rose, McCartney	*Yucca
Cucumbertree	Kudzu	*Rose, Multiflora	

*Growth suppression

F...D, SEED*, POPCORN* AND SILAGE CORN

Observe all precautions, mixing, and application instructions as well as the following:

* Do not apply DICAMBA AG to seed corn or popcorn without first verifying with your local seed corn company (supplier) the Dicamba selectivity on your inbred line or variety of popcorn. This precaution will help avoid potential injury of sensitive varieties.

DICAMBA AG is not registered for use on sweet corn.

Direct contact of DICAMBA AG with corn seed must be avoided. If corn seeds are less than 1 1/2 inches below the surface, delay application until corn has emerged.

Up to 2 applications of DICAMBA AG may be made during a growing season. Do not exceed a total of 1 1/2 pints of DICAMBA AG per treated acre per crop year. Allow two weeks or more between applications of DICAMBA AG. See appropriate section for rate information. For combination options or sequential treatments, refer to appropriate section.

Applications of DICAMBA AG to corn during periods of rapid growth may result in temporary leaning. Corn will usually become erect within 3 to 7 days. Cultivation should be delayed until after corn is growing normally to avoid breakage.

Agriculturally approved surfactants or sprayable fertilizers (1/2 to 1 gallon per acre of 28%, 30% or 32% urea ammonium nitrate or 2.5 pounds per acre spray grade ammonium sulfate) may be added to the spray mixture to improve postemergence weed control, particularly in dry growing conditions.

Do not use adjuvants containing penetrants such as petroleum-based oils after crop emergence or crop injury may result.

Corn may be harvested or grazed for feed once the crop has reached the ensilage (milk) stage or later in maturity.

Several synthetic pyrethroid insecticides are labeled for tank mix applications of dicamba. Refer to their label for specific recommendations.

WEEDS CONTROLLED

DICAMBA AG will control many ANNUAL broadleaf weeds or give growth suppression of many PERENNIAL broadleaf weeds commonly found in corn. (Refer to the GENERAL WEED LIST).

For best performance, make application when weeds have emerged and are actively growing.

Preemergence control of cocklebur, velvetleaf, and jimsonweed may be reduced if conditions such as low temperature or lack of soil moisture cause delayed or deep germination of weeds.

PREPLANT/PREEMERGENCE IN NO-TILLAGE CORN

Applications of DICAMBA AG may be made before, during, or after planting to emerged and actively growing broadleaf weeds. Apply DICAMBA AG at 1 pint per treated acre on medium or fine textured soils containing 2% or greater organic matter. Use 1/2 pint per treated acre on coarse textured soils (sand, sandy loam, and loamy sand) or medium and fine textured soils with less than 2% organic matter.

When planting into a legume sod (e.g., alfalfa or clover), apply DICAMBA AG after 4 to 6 inches of regrowth has occurred.

PREEMERGENCE IN CONVENTIONAL OR REDUCED TILLAGE CORN

DICAMBA AG may be applied after planting and prior to corn emergence. Application at 1 pint per treated acre may be made to medium or fine textured soils, which contain 2% or greater organic matter. DO NOT apply to coarse textured soils (sand, sandy loam, and loamy sand) until after crop emergence (see Early Postemergence uses below).

Preemergence application of DICAMBA AG does not require mechanical incorporation to become active. A shallow mechanical incorporation is recommended if application is not followed by adequate rainfall or sprinkler irrigation. Avoid tillage equipment (e.g., drags, harrows) which concentrates treated soil over seed furrow.

EARLY POSTEMERGENCE (ALL TILLAGE SYSTEMS)

(Spike through 8-inch tall corn)

DICAMBA AG at 1 pint per treated acre may be applied during the period from corn emergence through the five leaf stage or 8 inches tall, whichever comes first. Reduce the rate to 1/2 pint per treated acre if corn is growing on coarse textured soils (sand, sandy loam, and loamy sand). See LATE POSTEMERGENCE APPLICATIONS given below if the 6th true leaf is emerging from whorl or corn is greater than 8 inches tall.

LATE POSTEMERGENCE (ALL TILLAGE SYSTEMS)
(8 to 36 inch tall corn)
Application of DICAMBA AG at 1 /2 pint per treated acre may be made from 8 to 36 inch tall corn or 15 days before tassel emergence, whichever comes first. For best performance, make applications when weeds are less than 3 inches tall.

Make directed spray application when (1) corn leaves prevent proper spray coverage; (2) sensitive crops are growing nearby; (3) tank mixing with 2,4-D.

DO NOT apply DICAMBA AG when soybeans are growing nearby if any of these conditions exist:
- corn is more than 24 inches tall
- soybeans are more than 10 inches tall
- soybeans have begun to bloom

OVERLAY (SEQUENTIAL)TREATMENTS

DICAMBA AG may be applied to ground previously treated with one or more of the following herbicides registered for use in corn:

acetochlor alachlor (Lasso® , Lasso MT®, Partner®) atrazine Broadstrike® butylate (Sutan®) dimethenamid (Frontier®) EPTC	glyphosate halosulfuron (Battalion ®, Permit®) Lariat®) metolachlor paraquat pendimethalin propachlor (Ramrod ®) simazine

Apply DICAMBA AG at 1/2 pint per treated acre to ground previously treated with full rates of Clarity or Marksman herbicides. Allow at least 2 weeks between applications.

READ AND FOLLOW LABEL DIRECTIONS FOR EACH OF THE ABOVE PRODUCTS.

TANK MIX TREATMENTS FOR CORN

DICAMBA AG may be tank mixed with one or more of the following herbicides for control of grasses or additional broadleaf weeds. Read and follow the label of each tank mix product used for precautionary statements, directions for use, rates and timings, and other restrictions.

	RATES AND TIMINGS				
DICAMBA AG Plus	**Preplant/ Preemergent (No Tillage Corn)**	**Pre-emergent (Conventional or Reduced Tillage Corn)**	**Early Post-Emergent (All Tillage Systems)**	**Late Post-Emergent (All Tillage Systems)**	**Additional Directions**
Accent® (nicosulfuron)	-	-	1/2-1 oz a.i./A	1/2-1 oz a.i./A (To improve spray coverage of weeds and reduce risk of corn injury, use drop pipes to direct spray beneath corn leaves when corn is greater than 8 inches tall)	Application may be made to emerged weeds before corn is greater than 24 inches tall. Use non-ionic surfactant at .25% (v/v) with this tank mixture.
Atrazine	1 1/4-2 lbs a.i./A	1 1/4 -2 lbs a.i./A	1 1/4-2 lbs. a.i./A Crop oil concentrates may be used with this mixture if corn is 5 inches or less in height.	1 1/4-2 lbs. a.i./A Do not apply if corn is greater than 12 inches tall.	Application may be made before grasses are 1 1/2" tall. Follow all state and Federal restrictions pertaining to atrazine applications.
Beacon® (primisulfuron)	-	-	0.31-0.62 oz a.i./A	0.31-0.62 oz a.i./A (To improve spray coverage of weeds and reduce risk of corn injury, use drop pipes to direct spray beneath corn leaves when corn is greater than 8 inches tall)	Application may be made to emerged weeds when corn is 4 to 24 inches tall. Use non-ionic surfactant at 25% (v/v) with this tank mixture.

DICAMBA AG Plus	Preplant/ Preemargent (No Tillage Corn)	Pre-emargent (Conventional or Reduced Tillage Corn)	Early Post-Emargent (All Tillage Systems)	Late Post-Emergent (All Tillage Systems)	Additional Directions
Metolachlor	1 1/2-3 lbs a.i./A	1 1/2-3 lbs a.i./A (Use only on fine or medium textured soils with 2 1/2% or greater organic matter.)	1 1/2-3 lbs. a.i./A	-	Application may be made before grasses reach the 2 leaf stage and before corn is greater than 3 inches tall.
Frontier® (dimethenamid)	13-25 fl oz/A	13-25 fl oz/A (Use only on fine or medium textured soils with 2.5% or greater organic matter.)	13-25 fl. oz./A	-	Application may be made up to 8 inch tall corn. This treatment must be combined with a herbicide that provides post-emergence control of grass weeds if they are greater than 1 inch tall at the time of application.
Frontier® 6.0 (dimethenamid)	16-32 fl oz/A	16-32 fl oz/A (Use only on fine or medium textured soils with 2.5% or greater organic matter.)	-	-	Application may be made up to 8 inch tall corn. This treatment must be combined with a herbicide that provides post-emergence control of grass weeds if they are greater than 1 inch tall at the time of application.
Paraquat	1/4-1 lb a.i./A	1/4-1 lb a.i./A	-	-	Application may be made to emerged weeds but prior to corn emergence.
Acetochlor	1 1/2-3 lbs a.i./A	1 1/2-3 lbs a.i./A (Use only on fine textured soils with greater than 2.5% organic matter)	-	-	Application should be made prior to corn emergence.
Lasso® (alachlor)	1 1/2-4 lbs a.i./A	1 1/2-4 lbs a.i./A (Use only on fine textured soils with graater than 2.5% organic matter.)	1 1/2-4 lbs a.i./A	-	Application may be made before grasses reach the 2 leaf stage and before corn is greater than 3 inches tall. If microencapsulated forms of alachlor are used (Lasso MT Partner), applications must be made prior to grass emergence.
Simazine	2.0-3.0 lbs a.i./A	2.0-3.0 lbs a.i./A	-	-	Application may be made prior to corn or weed emergence.
Pendimethalin	-	3/4-1 1/2 lbs a.i./A (Use only on fine or medium textured soils with 2 1/2% or greater organic matter.)	3/4-1 1/2 lbs a.i./A	-	Application may be made immediately after planting but prior to weed emergence. Corn should not be beyond the 2 leaf stage of growth.
Glyphosate	1.0-3.0 lbs a.i./A	1.0-3.0 lbs a.i./A	-	-	Application may be made to emerged weeds but prior to corn emergence.

DICAMBA AG Plus	Preplant/ Preemergent (No Tillage Corn)	Pre-emergent (Conventional or Reduced Tillage Corn)	Early Post-Emergent (All Tillage Systems)	Late P. Emergent (All Tillage Systems)	Additional Directions
Clopyralid	-	-	0.035-0.07 lb a.i./A	0.035-0.07 lb a.i./A	Application may be made any time after corn emergence through 24 inch tall corn. Use drop nozzles to direct spray after corn exceeds the 8 inch stage. Apply when the majority of the thistle-plants have emerged and are at least 4 inches in height, but before bud stage. Use higher rates listed for stand reduction or larger thistle plants or heavier infestations. Lower rates listed may provide seasonal thistle suppression only.
Tough® (pyridate)	-	-	0.47 lb a.i./A	0.47 lb a.i./A	Application may be made to emerged, actively growing weeds. Directed applications are recommended when corn is large enough to prevent proper spray coverage.
2,4-D	1/4-1/2 lb a.i./A	1/4-1/2 lb a.i./A	Not recommended	1/8 lb a.i./A	Drop pipes are to be used when corn height is 8 inches or greater. Keeping the spray off the corn leaves and out of the whorl will reduce the likelihood of crop injury and improve spray coverage of weed foliage.

COTTON

EXCEPT CALIFORNIA

PREPLANTAPPLICATION: Apply up to 8 fluid ounces of DICAMBA AG per acre to control emerged broadleaf weeds prior to planting cotton in conventional or conservation tillage systems.

For best performance, apply DICAMBA AG when weeds are in the 2 - 4 leaf stage and rosettes are less than 2" across.

Following application of DICAMBA AG and a minimum accumulation of 1" of rainfall or overhead irrigation, a waiting interval of 21 days is required per 8 fluid ounces per acre or less. These intervals must be observed prior to planting cotton.

Do not apply preplant to cotton west of the Rockies.

Do not make DICAMBA AG preplant applications to geographic areas with average annual rainfall less than 25".

If applying a spring preplant treatment following application of a fall preplant (postharvest) treatment, then the combination of both treatments may not exceed 2 pounds acid equivalent per acre.

COTTON TANK MIXES

For control of grasses or additional broadleaf weeds, DICAMBA AG may be tank mixed with prometryn, paraquat, and glyphosate herbicides.

SORGHUM (MILO)

Observe all precautions, including the reference to crops growing under stress.

Read and follow mixing and application instructions.

Applications of DICAMBA AG to sorghum during periods of rapid growth may result in temporary leaning of plants or rolling of leaves. These effects are usually outgrown within 10 to 14 days.

Do not graze or feed treated sorghum forage or silage prior to mature grain stage. If sorghum is grown for pasture or hay, refer to the pasture use section of this label. Do not apply DICAMBA AG to sorghum grown for seed production.

Make no more than one application per growing season.

WEEDS CONTROLLED
DICAMBA AG, when applied at the recommended rate for sorghum, will control many actively growing ANNUAL broadleaf weeds and will reduce competition from established PERENNIAL broadleaf weeds as well as control their seedlings. (Refer to GENERAL WEED LIST).

RATES AND TIMINGS
DICAMBA AG may be applied to emerged and actively growing weeds at least 15 days prior to planting. Postemergence application of DICAMBA AG must be made after sorghum is in the spike stage (all sorghum emerged) but before sorghum is 15 inches tall. For best performance, make applications when sorghum is in the 3 to 5 leaf stage and weeds are small (less than 3 inches tall). Use drop pipes (drop nozzles) if sorghum is taller than 8 inches. Keeping the spray off the sorghum leaves and out of the whorl will reduce the likelihood of crop injury and improve spray coverage of weed foliage.

Broadcast rate per treated acre:
1/2 pint (1/4 lb. a.i.)

TANK MIX TREATMENTS
DICAMBA AG plus Atrazine:
For improved control of emerged, actively growing broadleaf weeds including triazine resistant species and added suppression of perennial broadleaf weeds, tank mix 1/2 pint DICAMBA AG with 0.5 to 1.25 lbs. a.i. atrazine per treated acre. For control of grasses (less than 1.5 inches tall), tank mix 1/2 pint DICAMBA AG with 2 lbs. a.i. atrazine per treated acre. For best performance and minimal crop injury, make application when sorghum is 3-8 inches tall and when broadleaf weeds are small (less than 6 inches tall). Application of atrazine must be made before sorghum is beyond 12 inches tall. The atrazine rate will depend upon soil texture and length of residual weed control desired. Follow all state and Federal restrictions pertaining to atrazine applications.

DICAMBA AG plus bromoxynil:

For improved control of broadleaf weeds, tank mix 1/2 pint DICAMBA AG with 1 - 1 1/2 pint bromoxynil herbicide per treated acre. Make application at 4 leaf to 15-inch tall sorghum. Use drop nozzles to direct spray beneath sorghum leaves when sorghum is greater than 8 inches tall.

READ AND FOLLOW THE LABEL OF EACH TANK MIX PRODUCT USED FOR PRECAUTIONARY STATEMENTS, DIRECTIONS FOR USE, APPLICATION RATES AND TIMINGS, AND OTHER RESTRICTIONS.

OVERLAY (SEQUENTIAL)TREATMENTS
DICAMBA AG may be applied to ground previously treated with one or more of the following herbicides:

Herbicide	Maximum Rate Per Treated Acre (lbs. a.i.)
alachlor (Lasso®) (Screen® - treated seed)	4
atrazine[1]	2.5
metolachlor	2.5
propachlor (Ramrod®)	5

[1] Maximum use rate for atrazine is determined by soil type, tillage practices used, surface residue, and state or local restrictions. Follow the more restrictive requirements when determining the maximum use rate for atrazine.

PREHARVEST USES
FOR USE ONLY IN THE STATES OF TEXAS AND OKLAHOMA

DICAMBA AG may be applied for weed suppression any time after the sorghum has reached the soft dough stage. An agriculturally approved surfactant may be used to improve performance. For aerial applications use at least 2 gallons of water-based carrier per treated acre.

Delay harvest until 30 days after treatment.

Broadcast rate per treated acre:
1/2 pint (1/4 lb. a.i.)

SMALL GRAINS (WHEAT, BARLEY AND OATS) NOT UNDERSEEDED TO LEGUMES

IMPORTANT

Observe all precautions. Read and follow cleaning, mixing and application instructions.

If small grains are used for pasture or hay, the following restrictions apply:

- Animals cannot be removed from treated area for slaughter prior to 30 days after last application.
- There is no waiting period between treatment and grazing for non-lactating dairy animals.
- Treated areas may not be grazed by lactating dairy animals before 7 days after treatment.
- Do not harvest hay from treated areas before 37 days after treatment.

NOTE: Observe all precautions and restrictions on the labels of products used in tank mix treatments.

WEEDS CONTROLLED

DICAMBA AG or combinations with listed tank mix partners will provide control or suppression of the annual broadleaf weeds listed below. For improved control of listed weeds, it is recommended that DICAMBA AG be applied in a tank mix with other herbicides. Refer to specific crop for tank mix options.

Alkanet [1]	Knawel (German Moss)	Pigweed, Tumble
Bedstraw, Catchweed [1]	Knotweed, Prostrate	Pineappleweed [1]
Bindweed, Field [2]	Kochia	Plantain, Broadleaf [2]
Buckwheat Tartary	Ladysthumb	Poppy, Red Horned [1]
Buckwheat, Wild	Lambsquarters, Common	Puncturevine [1]
Carpetweed [1]	Lettuce, Miners [1]	Purslane, Common
Chamomile, Corn	Lettuce, Prickly	Radish, Wild [1]
Chervil, Bur [1]	Mallow, Common	Ragweed, Common
Chickweed, Common [1]	Mayweed, Chamomile	Ragweed, Giant
Cockle, Corn	(Dogfennel) [1]	(Buffaloweed) [1]
Cockle, Cow	Mustard, Blue	Rocket, London [1]
Cocklebur, Common	(Purple) [1]	Rocket, Yellow [1]
Cornflower	Mustard, Tansy	Salsify (Goatsbeard) [1]
(Bachelorbutton) [1]	Mustard Treacle [1]	Shepherdspurse [1]
Dandelion, Common [2]	Mustard, Tumble	Smartweed, Green
Dock, Curly [2]	(Jim Hill) [1]	Smartweed, Pennsylvania
Dragonhead, American [1]	Mustard, Wild [1]	Sorrel, Red
Evening Primrose,	Nightshade, Black	(Sheep Sorrel) [1]
Cutleaf [1]	Nightshade, Cutleaf [1]	Sowthistle, Annual
Falseflax, Smallseeded [1]	Nightshade Silverleaf [2]	Starthistle, Yellow [1]
Fiddleneck, (Tarweed) [1]	(White Horsenettle)	Sunflower, Common (Wild)
Flixweed [1]	Pennycress, Field	Thistle, Canada [2]
Fumitory [1]	(Fanweed, Frenchweed,	Thistle, Russian
Gromwell, Corn [1]	Stinkweed)	Velvetleaf
Groundsel, Common [1]	Pepperweed, Peppergrass [1]	Vetch [1]
Hempnettle [1]	Pigweed, Redroot	Yarrow, Common [2]
Henbit	(Carelessweed)	
Jacobs Ladder [1]	Pigweed, Rough	

[1] These weeds will be controlled with DICAMBA AG tank mixtures. Refer to tank mix label for specific weeds controlled.

[2] DICAMBA AG tank mixes will provide suppression of established broadleaf weeds and control their seedlings.

RATES AND TIMINGS

Application of DICAMBA AG may be made before, during or after planting small grains. For best performance, make applications when weeds are in the 2-3 leaf stage and rosettes are less than 2 inches across. Application of DICAMBA AG to small grains during periods of rapid growth may result in crop leaning. This condition is temporary and will not reduce crop yields.

Use DICAMBA AG at 2 to 4 fluid ounces per treated acre in wheat, fall seeded barley, and oats, and at 2 to 3 fluid ounces per treated acre in spring seeded barley. Use the higher level of listed rate ranges when treating difficult to control weeds such as kochia, wild buckwheat, cow cockle, prostrate knotweed, Russian thistle, and prickly lettuce or when dense vegetative growth occurs.

DICAMBA AG used in a tank mix with ot. herbicides offers the best spectrum of weed co. and herbicide tolerant or resistant weed management. Refer to specific crop for DICAMBA AG rate and application timing.

For applications prior to the emergence of weeds or when sulfonylurea resistant weeds are present or suspected, use a minimum of 3 fluid ounces per treated acre of DICAMBA AG with a tank mix herbicide. Non-sulfonylurea herbicides such as 2,4-D or MCPA tank mixed with DICAMBA AG will offer more consistent control of sulfonylurea resistant weeds.

When tank mixing with sulfonylurea herbicides, such as Ally ®, Amber ®, Express ®, Finesse ®, Glean® and Harmony ® Extra, use an agriculturally approved surfactant of at least 80% active ingredient at the rate of 1-4 pints/100 gallons of spray or not more than 0.25-0.5% by volume. Use the highest rate of surfactant when using the lower rate ranges of the tank mix and/or when treating more mature and difficult to control weeds or dense vegetative growth.

FALL AND SPRING SEEDED WHEAT

DICAMBA AG MUST BE APPLIED TO FALL SEEDED WHEAT PRIOR TO THE JOINTING STAGE. APPLICATIONS TO SPRING SEEDED WHEAT MUST BE MADE BEFORE WHEAT REACHES THE 6 LEAF STAGE.

NOTE: Early developing wheat varieties such as TAM 107, MADISON, or WAKEFIELD must receive application between early tillering and the jointing stage. Care should be taken in staging these varieties to be certain that the application occurs prior to the jointing stage.

TANK MIX TREATMENTS

DICAMBA AG may be tank mixed with one or more of the following herbicides. Read and follow the label of each tank mix product used for precautionary statements, directions for use, weeds controlled, geographic and other restrictions.

Broadcast rate per treated acre:

Apply 2-4 fluid ounces DICAMBA AG with:

Product	Active Ingredient	Formulation	Amount of Product Per Acre
2,4-D Amine or Ester	2,4-D	4 lb/gal	8-12 fluid oz (.25-.375 lb a.i./A)[1]
MCPA Amine or Ester	MCPA	4 lb/gal	8-12 fluid oz (.25-.375 lb a.i./A)[1]
Ally®	metsulfuron-methyl	60% DF	1/10 oz
Amber®	triasulfuron	75% DF	0.28 oz
Express®	thifensulfuron + tribenuron-methyl	75% DF	1/6 oz
Finesse®	chlorsulfuron + metsulfuron-methyl	75% DF	1/3 oz
Glean®	chlorsulfuron	75% DF	1/6 oz
Harmony® Extra	thifensulfuron + tribenuron-methyl	75% DF	1/3 oz
bromoxynil	bromoxynil	2 lb/gal	1-1.5 pts
Bronate®	bromoxynil + MCPA	4 lb/gal	1-2 pts
Curtail®	clopyralid+ 2,4-D	2.38 lb/gal	2-2 2/3pts
clopyralid	clopyralid	3 lb/gal	1/4-1/3 pt
diuron[2]	diuron	80% DF	1/2-1.5 lbs
metribuzin[2]	metribuzin	75% DF	1-10 oz
Dakota®[3]	fenoxaprop-ethyl+MCPA	3.1 lb/gal	16 fluid oz
Tiller®[3]	fenoxaprop-ethyl + MCPA + 2,4D	2.7 lb/gal	1-1.7 pts

[1] When using formulations other than 4 lbs/gal use pounds active/acre listed.

[2] Tank mixtures for fall seeded wheat only.

[3] Use 2 fluid ounces of DICAMBA AG only. Do not use if wild oats is the target weed. Do not use DICAMBA AG as a tank mix treatment with Dakota® or Tiller® on Durum wheat.

SPECIAL USE TANK MIXES FOR SPRING AND FALL SEEDED WHEAT

(See Footnotes for Applicable Uses)

BROADCAST RATE PER TREATED AC :
Apply 3-4 [1] fluid ounces DICAMBA AG with:

Product [2]	Active Ingredient	Formulation	Amount of Product Per Acre
2,4-D or MCPA Amine	2,4-D or MCPA	4 lb/gal	1-2 pts [3] (.5-1.0 lb a.i./A) [4]
2,4-D or MCPA Ester	2,4-D or MCPA	4 lb/gal	1-1.5 pts [3] (.5-.75 lb a.i./A) [4]
Ally®	metsulfuron-methyl	60% DF	1/20-1/10 oz
Amber®	triasulfuron	75% DF	0.14-0.28 oz
Express®	thifensulfuron + tribenuron-methyl	75% DF	1/12-1/6 oz
Finesse®	chlorsulfuron + metsulfuron-methyl	75% DF	1/6-1/3 oz
Glean	chlorsulfuron	75% DF	1/6 oz
Harmony® Extra	thifensulfuron + tribenuron-methyl	75% DF	1/6-1/3 oz
Metsulfuron-methyl + 2,4-D Amine or Ester [5]	Metsulfuron-methyl + 2,4-D	60% DF + 4 lb/gal	1/20-1/10 oz + 8 fl oz
Amber® + 2,4-D Amine or Ester [5]	triasulfuron + 2,4-D	75% DF + 4 lb/gal	0.14-0.28 oz + 8 fl oz
Express®+ 2,4-D Amine or Ester [5]	(thifensulfuron + tribenuron-methyl)+ 2,4-D	75% DF + 4 lb/gal	1/12-1/6 oz + 8 fl oz
Finesse® + 2,4-D Amine or Ester [5]	(chlorsulfuron + metsulfuron-methyl)+2,4-D	75% DF + 4 lb/gal	1/6-1/3 oz + 8 fl oz
Glean® + 2,4-D Amine or Ester [5]	chlorsulfuron + 2,4-D	75% DF + 4 lb/gal	1/6 + 8 fl oz
Harmony® Extra+2,4-D Amine or Ester [5]	(thifensulfuron + tribenuron-methyl)+ 2,4-D	75% DF + 4 lb/gal	1/6-1/3 oz + 8 fl oz
glyphosate [6]	glyphosate	3.0 lb/gal	12-16 fl oz

[1] DICAMBA AG may be used at 6 fluid ounces on fall seeded wheat in Western Oregon as a spring application only. In CO, KS, NM, OK and TX up to 8 fluid ounces of DICAMBA AG may be applied on fall seeded wheat after it exceeds the 3 leaf stage for suppression of perennial weeds, such as field bindweed. Applications may be made in the fall following a frost but before a killing freeze. DICAMBA AG may be tank mixed with 2,4-D amine at 8 fluid ounces after wheat begins to tiller. Periods o extended stress such as cold and wet weather may enhance the possibility of crop injury. For fall applications only, do not use if the potential for crop injury is not acceptable.

[2] Do not use low rates of sulfonylurea herbicides, such as Metsulfuron-methyl, Amber, Express, Finesse, Glean, and Harmony Extra on more mature weeds and/or on dense vegetative growth.

[3] NOTE: For use on Fall Seeded Wheat only. Do not use unless potential crop injury will be acceptable.

[4] When using formulations other than 4 lb/gal use pounds active/acre listed.

[5] Use for improved control of Russian thistle, flixweed, gromwell, mayweed and fiddleneck.

[6] DICAMBA AG may be applied at 2 fluid ounces with any glyphosate formulation labeled for use as a preplant application to small grains with no waiting period prior to planting. Read and follow label directions of the tank mix product for adjuvant use recommendations.

FALL SEEDED BARLEY

DICAMBA AG MUST BE APPLIED TO FALL SEEDED BARLEY PRIOR TO THE JOINTING STAGE.

NOTE: For spring barley varieties that are seeded during the winter months or later, follow the rates and timings given for Spring Seeded Barley.

TANK MIX TREATMENTS

DICAMBA AG may be tank mixed with one or more, but not limited to, the following herbicides. Read and follow the label of each tank mix product used for precautionary statements, directions for use, weeds controlled and geographic and other restrictions.

Broadcast rate per treated acre:

Apply 2-4 fluid ounces DICAMBA AG with:

Product [1]	Active Ingredient	Formulation	Amount of Product Per Acre
2,4-D Amine or Ester	2,4-D	4 lb/gal	8 fluid oz (.25 lb a.i./A) [2]
MCPA Amine or Ester	MCPA	4 lb/gal	8-12 fluid oz (.25-.375 lb a.i./A)
metsulfuron-methyl	metsulfuron-methyl	60% DF	1/20-1/10 oz
Amber®	triasulfuron	75% DF	0.14-0.28 oz
Express®	thifensulfuron + tribenuron-methyl	75% DF	1/12-1/6 oz
Finesse®	chlorsulfuron + metsulfuron-methyl	75% DF	1/6-1/3 oz
Glean®	chlorsulfuron	75% DF	1/6 oz
Harmony® Extra	thifensulfuron + tribenuron-methyl	75% DF	1/6-1/3 oz
metribuzin	metribuzin	75% DF	1-10 oz
bromoxynil	bromoxynil	2 lb/gal	1-1 1/2 pts

Bronate®	bromoxynil + MCPA	4 lb/gal	3/4-1 1/2 pts

[1] Do not use low rates of sulfonylureas (metsulfuron-methyl, Amber ®, Express® , Finesse , Glean ®, and Harmony® Extra) on more mature weeds and/or on dense vegetative growth.
[2] When using formulations other than 4 lb/gal use pounds active/acre listed.

SPRING SEEDED BARLEY

DICAMBA AG MUST BE APPLIED BEFORE SPRING SEEDED BARLEY EXCEEDS THE 4 LEAF STAGE.

TANK MIX TREATMENTS

DICAMBA AG may be mixed with one or more of the following herbicides. Read and follow the label of each tank mix product used for precautionary statements, directions for use, weeds controlled and geographic and other restrictions.

Broadcast rate per treated acre:
Apply 2-4 fluid ounces DICAMBA AG with:

Product [1]	Active Ingredient	Formulation	Amount of Product Per Acre
MCPA Amine or Ester	MCPA	4 lb/gal	8-12 fluid oz (.25-.375 lb a.i./A) [2]
metsulfuron-methyl	metsulfuron-methyl	60% DF	1/20-1/10 oz
Amber®	triasulfuron	75% DF	0.14-0.28 oz
Express®	thifensulfuron + tribenuron-methyl	75% DF	1/12-1/6 oz
Finesse®	chlorsulfuron + metsulfuron-methyl	75% DF	1/6-1/3 oz
Glean®	chlorsulfuron	75% DF	1/6 oz
Harmony® Extra	thifensulfuron + tribenuron-methyl	75% DF	1/6-1/3 oz
metribuzin	metribuzin	75% DF	1-10 oz
bromoxynil	bromoxynil	2 lb/gal	1-1 1/2 pts
Bronate®	bromoxynil + MCPA	4 lb/gal	3/4-1 1/2 pts

[1] Do not use low rates of sulfonylureas (metsulfuron-methyl, Amber ®, Express , Finesse® , Glean ®, and Harmony® Extra) on more mature weeds and/or on dense vegetative growth.
[2] When using formulations other than 4 lb/gal use pounds active/acre listed.

FALL AND SPRING SEEDED OATS

DICAMBA AG MUST BE APPLIED BEFORE SPRING SEEDED OATS EXCEED THE 5 LEAF STAGE. APPLICATIONS TO FAL . SEEDED OATS MUST BE MADE PRIOR TO THE JOINTING STAGE.

TANK MIX TREATMENTS

DICAMBA AG may be tank mixed with one or more of the following herbicides. Read and follow the label of each tank mix product used for precautionary statements, directions for use, weeds controlled, geographic and other restrictions.

Broadcast rate per treated acre:
Apply 2-4 fluid ounces DICAMBA AG with:

Product	Active Ingredient	Formulation	Amount of Product Per Acre
MCPA Amine or Ester	MCPA	4 lb/gal	8-12 fluid oz (.25-.375 lb a.i./A) [1]

[1] When using formulations other than 4 lb/gal use pounds active/acre listed.

FALL AND SPRING SEEDED TRITICALE
EXCEPT CALIFORNIA

EARLY SEASON APPLICATIONS

Apply 2-4 fluid ounces of DICAMBA AG to triticale.
Early season applications to fall-seeded triticale must be made prior to jointing stage.
Early season applications to spring-seeded triticale must be made before triticale reaches the 6-leaf stage.

TANK MIXES

For best performance, should be used in tank mix combination with bromoxynil.

SUGARCANE

Observe all precautions. Read and follow mixing and application instructions.

Consult your local or state authorities for possible application restrictions, especially concerning aerial applications and advice concerning special local use situations.

WEEDS CONTROLLED

DICAMBA AG, when applied at specified rates, will control many ANNUAL, BIENNIAL and PERENNIAL broadleaf weeds commonly found in sugarcane. (Refer to GENERAL WEED LIST).

RATES AND TIMINGS

Application of DICAMBA AG may be made any time after weeds have emerged and are actively growing but before the close-in stage of sugarcane. Application rates and timing of DICAMBA AG are given below. Use the higher level of listed rate ranges when treating dense vegetative growth.

NOTE: Retreatments may be made as needed; however, do not exceed a total of 2 pints (1 lb. a.i.) of DICAMBA AG per treatment with a maximum of 2 treatments per year.

Weed Stage & Type	Broadcast Rate Per Treated Acre	
	Amount of Formulated DICAMBA AG (pints)	Equivalent Lbs. a.i.
Annual - Small, actively growing - Established weed growth	1/2-1 1-1 1/2	1/4-1/2 1/2-3/4
Biennial	1-2	1/2-1
Perennial	2-4 [1]	1-2 [2]

[1] For application rates above 2 pints (1 lb. a.i.) DICAMBA AG per treated acre, apply a maximum of 2 pints (1.0 lb. a.i.) of DICAMBA AG per treated acre per application with a maximum of 2 applications per year.
[2] Application made over the top of actively growing sugarcane may result in crop injury.

When possible, direct the spray beneath the sugarcane canopy in order to minimize the likelihood of crop injury. The use of directed sprays will also aid in maximizing spray coverage of weed foliage.

TANK MIX TREATMENTS

DICAMBA AG may be tank mixed with one or more of the following herbicides for control of grasses or additional broadleaf weeds. Read and follow the label of each tank mix product used for precautionary statements, directions for use, rates and timings, weeds controlled, geographic and other restrictions.

Herbicide	Rate Per Treated Acre (lbs. a.i.)
ametryn	2/5-8
asulam	2-3 1/3
atrazine	2/5-4
2,4-D	1 /2-3*

*Application of DICAMBA AG plus 2,4-D tank mix at the higher listed rate ranges may result in crop injury.

PASTURE, HAY, RANGELAND, AND GENERAL FARMSTEAD (Non-Cropland)

DICAMBA AG is recommended for use for pasture, hay, rangeland, general farmstead (non-cropland) (including fence rows and non-irrigation ditchbanks) for broadleaf weed and brush control. DICAMBA AG may also be applied to non-cropland areas for the control of broadleaf weeds in Noxious Weed Control Programs, Districts or Areas including broadcast or spot treatment of roadsides and highways, utilities, railroad and pipeline rights-of-way. Noxious weeds must be recognized at the state level but programs may be administered at state, county or other level.

Observe all precautions. Read and follow mixing and application instructions.

DICAMBA AG uses described in this section also pertain to small grains (such as barley, forage sorghum, oats, rye, sudangrass or wheat) grown for pasture use only.

NEWLY SEEDED AREAS, including small grains grown for pasture may be severely injured if rates of DICAMBA AG greater than 1 pint/A are applied.

ESTABLISHED GRASS CROPS growing under stress can exhibit various injury symptoms that may be more pronounced if herbicides are applied.

Bentgrass, carpetgrass, buffalograss and St. Augustine grass may be injured at rates exceeding 1 pint DICAMBA AG (1/2 lb a.i.) per treated acre. Usually colonial bentgrasses are more tolerant than creeping types. Velvetgrasses are most easily injured. Treatments will kill or injure alfalfa, clovers, lespedeza, wild winter peas, vetch and other legumes.

ANIMALS CANNOT BE REMOVED FROM TREATED AREA FOR SLAUGHTER PRIOR TO 30 DAYS AFTER LAST APPLICATION.

THERE IS NO WAITING PERIOD BETWEEN TREATMENT AND GRAZING FOR NON-LACTATING ANIMALS.

TIMING RESTRICTIONS FOR LACTATING DAIRY ANIMALS FOLLOWING TREATMENT.

DICAMBA AG Rate Per Treated Acre	Days Before Grazing	Days Before Hay Harvest
Up to 1 pint (1/2 lb. a.i.)	7 days	37 days
Up to 2 pints (1 lb. a.i.)	21 days	51 days
Up to 4 pints (2 lbs. a.i.)*	40 days	70 days

* The maximum rate per treated acre per year of DICAMBA AG is 4 pints (2 lbs. a.i.). For application rates above 2 pints (1 lb. a.i.) DICAMBA AG per treated acre, apply a maximum of 2 pints (1.0 lb. a.i.) of DICAMBA AG per treated acre per application with a maximum of 2 applications per year.

NOTE: Observe all precautions and restrictions on labels of products used in tank mixtures.

MIXING AND APPLICATION

DICAMBA AG can be applied using water, oil in water emulsions including invert systems, or sprayable fluid fertilizer as a carrier. A COMPATIBILITY TEST (see COMPATIBILITY TEST section) should be made prior to tank mixing.

To prepare oil in water emulsions, half-fill spray tank with water, then add appropriate amount of emulsifier. With continuous agitation, slowly add the herbicide and then the oil (such as diesel oil or fuel oil) or a premix of oil plus additional emulsifier to spray tank. Complete filling of spray tank with water. Maintain vigorous agitation during spray operation to prevent oil and water from forming separate layers.

DICAMBA AG may be applied broadcast using either ground or aerial application equipment. When using ground equipment, apply 3 to 600 gallons of diluted spray per treated acre. Volume of spray applied will depend on the height, density, and type of weeds or brush being treated and on the type of equipment being used. When using aerial equipment apply 2 to 40 gallons of diluted spray per treated acre in a water-based carrier.

DICAMBA AG may be applied to individual clumps or small areas (SPOT TREATMENT) of undesirable vegetation using handgun or similar types of application equipment. Apply diluted sprays to allow complete wetting (up to run off) of foliage and stems.

Herbicide adjuvants or other spray additives (emulsifiers, surfactants, wetting agents, drift control agents, or penetrants) may be used for wetting, penetration, or drift control. Spray additives must be agriculturally approved when used in pasture applications. If spray additives are used, read and follow all use recommendations and precautions on product label.

WEEDS CONTROLLED

DICAMBA AG, when applied at specified rates, will give control many ANNUAL, BIENNIAL, and PERENNIAL broadleaf weeds, and many WOODY brush and vine species commonly found in pasture, hay, rangeland, and general farmstead (non-cropland) areas. (Refer to GENERAL WEED LIST). Noted (*)PERENNIAL weeds may be controlled with lower rates of either DICAMBA AG or DICAMBA AG plus 2,4-D. See the following RATES AND TIMINGS section.

RATES AND TIMINGS

Application rates and timing of DICAMBA AG are given below. Use the higher level of listed rate ranges when treating dense or tall vegetative growth.

NOTE: Retreatments may be made as needed; however, do not exceed a total of 2 pints (1 lb. a.i.) of DICAMBA AG per treatment with a maximum of 2 treatments per year.

Weed Stage & Type	Broadcast Rate Per Treated Acre	
	Amount of Formulated DICAMBA AG (pints)	Equivalent Lbs. a.i.
Annual		
Small, actively growing	1/2-1	1/4-1/2
Established weed growth	1-1 1/2	1/2-3/4
Biennial[1]		
Rosette diameter		
Less than 3 inches	1/2-1	1/4-1/2
3 inches or more	2-4[3]	1/2-1
Bolting	4[3]	1-1 1/2
Perennial		
Suppression or top growth control	1-2	1/2-1
Noted (*) Perennials	2-4[3]	1-2*
Other Perennials	4[3]	2*

Woody Brush & Vines		
Top Growth Suppression	1-2	1/2-1
Top Growth Control[2]	2-4 [3]	1-2*
Stems and Stem Suppression	4 [3]	2*

[1] For best performance, make application when BIENNIAL WEEDS are in the rosette stage.

[2] Species noted in GENERAL WEED LIST section will require tank mixtures for adequate control.

[3] For application rates above 2 pints (1 lb. a.i.) DICAMBA AG per treated acre, apply a maximum of 2 pints (1.0 lb. a.i.) of DICAMBA AG per treated acre per application with a maximum of 2 applications per year.

* Rates above 1.0 lb a.i./A are spot treatments only.

TANK MIX TREATMENTS

READ AND FOLLOW THE LABEL OF EACH TANK MIX PRODUCT USED FOR PRECAUTIONARY STATEMENTS, DIRECTIONS FOR USE, APPLICATION RATES AND OTHER RESTRICTIONS.

DICAMBA AG may be tank mixed with one or more of the following herbicides for control of grasses, additional broadleaf weeds, and woody brush and vines.

Herbicide	Rate PerTreated Acre (lbs. a.i.)
Pasture, hay, rangeland and general farmstead (non-cropland) use:	
glyphosate	3/4 - 3 3/4
metsulfuron methyl	0.0038-0.011
paraquat	1/2 - 1
picloram	1/8 - 3
triclopyr	3/4 - 9
2,4-D	1/4 - 6

Due to the variations that may occur in formulated products and specific use ingredients (e.g. water supplies), a COMPATIBILITY TEST is recommended prior to actual tank mixing.

CUT SURFACE TREE TREATMENTS

DICAMBA AG may be applied as a cut surface treatment for control of unwanted trees and prevention of sprouts of cut trees. A mix of 1 part DICAMBA AG with 1 to 3 parts water should be used in application. Use the lower dilution when treating difficult-to-control species.

FRILL OR GIRDLE TREATMENTS: Make a continuous cut or a series of overlapping cuts using an axe to girdle tree trunk. Spray or paint cut surface with the DICAMBA AG/water mix.

STUMP TREATMENTS: Spray or paint freshly cut surface with the water mix. The area adjacent to the bark should be thoroughly wet.

Note: For more rapid foliar effects, 2,4-D may be added to the DICAMBA AG/water mix.

DORMANT APPLICATIONS FOR CONTROL OF MULTIFLORA ROSE

DICAMBA AG can be applied when plants are dormant as an undiluted SPOT-CONCENTRATE directly to the soil or as a LO-OIL BASAL BARK treatment using an oil-water emulsion solution.

SPOT-CONCENTRATE applications of DICAMBA AG should be applied directly to the soil as close as possible to the root crown but within 6-8 inches of the crown. On sloping terrain, application should be made to the uphill side of the crown. Do not make application when snow or water prevents applying DICAMBA AG directly to the soil. The use rate of DICAMBA AG is dependent on the canopy diameter of the multiflora rose. Examples: Use DICAMBA AG at 1/4, 1 or 2 1/4 fluid ounces of product respectively, for 5, 10 or 15 feet canopy diameters. Do not exceed a total of 2 quarts DICAMBA AG per acre per year.

LO-OIL BASAL BARK applications of DICAMBA AG should be applied to the basal stem region from the ground line up to a height of 12 to 18 inches. Spray until runoff, with special emphasis on covering the root crown. For best results, make application when plants are dormant. Do not make application after bud break or when plants are showing signs of active growth. Do not make application when snow or water prevents applying DICAMBA AG to the ground line. Refer to Mixing and Applications above in this section for method of preparing oil-in-water emulsion. Example for making approximately 2 gallons of a LO-OIL spray solution mixture: combine 1 1/2 gallons water plus 1 ounce emulsifier plus 1 pint DICAMBA AG plus 2 1/2 pints of No. 2 diesel fuel. Adjust amounts of materials used proportionately to the amount of final spray solution desired. Do not exceed 8 gallons of spray solution mix applied per acre per year.

CONSE ATION RESERVE PROGRAM (CRP) ACRES

DICAMBA AG can be used on both newly seeded and established grasses grown in Conservation Reserve or Federal Set-Aside Programs. For program lands, such as Conservation Reserve Program, consult program rules to determine whether grass or hay may be used. The more restrictive requirements of the program rules or this label must be followed.

Observe all precautions, mixing and application directions.

DICAMBA AG treatment will injura or may kill alfalfa, clovers, lespedeza, wild winter peas, vetch, and other legumes.

Agriculturally approved surfactants may be added to the spray mixture to improve postemergence weed control, particularly in dry growing conditions.

Do not use adjuvants containing penetrants such as petroleum based oils after grass emergenca on newly seeded grasses.

NEWLY SEEDED AREAS

DICAMBA AG may be applied either preplant or postemergence to newly seeded grasses or small grains such as barley, oats, rye, sudangrass, wheat, or other grain species grown as a cover crop. Postemergence applications may be made after seedling grasses exceed the 3-leaf stage. Rates of DICAMBA AG greater than 1 pint per treated acre may severely injura newly seeded grasses. Preplant applications - injury to new seedings may occur if intervals between application and grass planting is less than 45 days per pint of DICAMBA AG per treated acre West of the Mississippi River or 20 days per pint East of the Mississippi River.

ESTABLISHED GRASS STANDS

Established grass stands are perannial grasses planted one or mora seasons prior to treatment. Certain species: bentgrass, carpetgrass, smooth brome, buffalograss or St. Augustine grass may be injured when treated with DICAMBA AG at rates exceeding 1 pint per treated acre.

WEEDS CONTROLLED

DICAMBA AG, when applied at specified rates, will control many annual and biennial weeds and provide control or suppression of many perennial weeds. (Refer to GENERAL WEED LIST).

RATES AND TIMINGS

Application rates and timing of DICAMBA AG treatment are given below. Use the higher rate of the rate range when vegetation is either dense or tall, or when weeds are growing under stressed conditions such as drought or cool temperature.

NOTE: Retreatments may be made as needed; however, do not exceed a total of 4 pints (2 lbs. a.i.) of DICAMBA AG per treated acre during a growing season applied at a rate of 2 pints (1 lb. a.i.) DICAMBA AG per traatment.

Weed Stage & Type	Broadcast Rate Per Treated Acre	
	Amount of Formulated DICAMBA AG (pints)	Equivalent lbs. a.i.
Annual		
Small, actively growing	1/4-1	1/8-1/2
Established weed growth	1	1/2
Biennial [1, 2]		
Rosette diameter		
Less than 3 inches	1/2-1	1/4-1/2
3 inches or graater	1-2	1/2-1
Bolting biennial	2-3 [3]	1-1 1/2
Perennial [2]		
Suppression/Control	2-4 [3]	1-2

[1] For best results, traat Biennial weeds with DICAMBA AG when they are in the rosette stage of growth.

[2] Biennial and Perennial weeds will requira follow-up (sequential) treatments for seedling control and escapes.

[3] For application rates above 2 pints (1 lb. a.i.) DICAMBA AG per treated acre, apply a maximum of 2 pints (1.0 lb. a.i.) of DICAMBA AG per treated acre per application with a maximum of 2 applications per year.

TANK MIX TREATMENTS

To control grasses and additional broadleaf weeds, DICAMBA AG may be tank mixed with other herbicides registered for use in Conservation Reserve Programs such as 2,4-D, glyphosate, paraquat, metsulfuron, and others.

READ AND FOLLOW THE LABEL OF EACH TANK MIX PRODUCT USED FOR PRECAUTIONARY STATEMENTS, DIRECTIONS FOR USE, APPLICATION RATES, AND OTHER RESTRICTIONS.

ASPARAGUS
FOR USE ONLY IN THE STATES OF CALIFORNIA, OREGON, AND WASHINGTON

Observe all precautions. Read and follow mixing and application instructions.

NOTE:
- If spray contacts emerged spears, crooking (twisting) of some spears may result. If such crooking occurs, discard affected spears.
- Do not harvest prior to 24 hours after treatment.
- Do not use in the Coachella Valley of California.
- Multiple applications may be made per growing season; however, DO NOT EXCEED a total of 1 pint (1/2 lb. a.i.) of DICAMBA AG per treated acre per crop year.

RATES AND TIMINGS
Apply DICAMBA AG to emerged and actively growing weeds in 40 to 60 gallons of diluted spray per treated acre immediately after cutting the field, but at least 24 hours before the next cutting.

DICAMBA AG may be applied in a tank mixture with either 2,4-D or glyphosate herbicide for improved control of noted (*) weeds. READ AND FOLLOW 2,4-D OR GLYPHOSATE PRODUCT LABELING FOR PRECAUTIONARY STATEMENTS, DIRECTIONS FOR USE, APPLICATION RATES AND TIMINGS, AND OTHER RESTRICTIONS.

Weeds	Rate Per Treated Acre
Mustard, Black Pigweed, Redroot (Carelessweed) Sowthistle, Annual *Thistle, Canada Thistle, Russian	1/2-1 pt. (1/4-1/2 lb. a.i.)
*Bindweed, Field Chickweed, Common Goosefoot, Nettleleaf Radish, Wild Thistle, Milk	1 pt. (1/2 lb. a.i.)

TURF AND LAWNS
FOR USE IN GENERAL FARMSTEAD (NON-CROPLAND) AND SOD FARMS

IMPORTANT
Observe all precautions. Read and follow mixing and application instructions.

To avoid injury to newly seeded grasses, application of DICAMBA AG should be delayed until after the second mowing. Furthermore, application rates in excess of 1 pint (1/2 lb. a.i.) per treated acre may cause noticeable stunting or discoloration of sensitive grass species such as bentgrass, carpetgrass, buffalograss, and St. Augustine grass.

In areas where roots of sensitive plants extend, do not apply in excess of 1/4 pint (1/8 lb. a.i.) of DICAMBA AG per treated acre on coarse textured (sandy-type) soils, or in excess of 1/2 pint (1/4 lb. a.i.) per treated acre on fine textured (clayey-type) soils. Do not make repeat applications in these areas for 30 days and until previous applications of DICAMBA AG have been activated in the soil by rain or irrigation.

WEEDS CONTROLLED
DICAMBA AG, when applied at specified rates, will give control of many ANNUAL, BIENNIAL, and noted (*) PERENNIAL broadleaf weeds commonly found in turf. DICAMBA AG will also give growth suppression of many other listed PERENNIAL broadleaf weeds and WOODY brush and vine species. (Refer to GENERAL WEED LIST).

MIXING AND APPLICATION
Apply 30 to 200 gallons of diluted spray per treated acre (3 qts. to 4 1 /4 gals. per 1,000 sq. ft.), depending on density or height of weeds treated and on the type of equipment used.

RATES AND TIMINGS
Use the higher level of listed rate ranges when treating dense vegetative growth. For best performance, apply when weeds are emerged and actively growing.

NOTE: Retreatments may be made as needed; however, do not exceed a total of 2 pints (1 lb. a.i.) DICAMBA AG per treated acre with a maximum of 2 treatments per year.

Weed Stage & Type	DICAMBA AG Herbicide		
	Pints per treated acre	Lbs. a.i. per treated acre	Teaspoons per 1,000 sq. ft.
Annual			
Small, actively growing	1/4-1	1/4-1/2	1-2 1/4
Established weed growth	1-1 1/2	1/2-3/4	2 1/4-3 1/4
Biennial Rosette diameter			
Less than 3 inches	1/2-1	1/4-1/2	1-2 1/4
3 inches or more	1-2	1/2-1	2 1/4-4 1/2
Perennial and Woody			
Brush and Vines	1-2	1/2-1	2 1/4-4 1/2

TANK MIX TREATMENTS
READ AND FOLLOW THE LABEL OF EACH TANK MIX PRODUCT USED FOR PRECAUTIONARY STATEMENTS, DIRECTIONS FOR USE, APPLICATION RATES AND TIMINGS AND OTHER RESTRICTIONS.

Tank mix treatments of DICAMBA AG may be made with 2,4-D, MCPA, MCPP, or bromoxynil for control of additional weeds listed on the tank mix product label.

Apply 1/5 to 1/2 pint (1/10 to 1/4 lb. a.i.) of DICAMBA AG per treated acre with 1/2 to 1 1/2 lbs. acid equivalent of 2,4-D, MCPA, or MCPP, or with 3/8 to 1/2 lb. a.i. of bromoxynil. Use the higher level of the listed rate ranges when treating established weeds. Repeat treatments may be made as needed; however, do not exceed 2 pints (1 lb. a.i.) of DICAMBA AG per treated acre during the growing season.

GRASS SEED CROPS
GRASSES GROWN FOR SEED SUCH AS BERMUDA GRASS, BLUEGRASS, FESCUE AND RYEGRASS

IMPORTANT
Observe all precautions. Read and follow mixing and application instructions.

Refer to the PASTURE, HAY, RANGELAND, AND GENERAL FARMSTEAD (NONCROPLAND AREAS) section for possible grazing and feeding restrictions.

Do not use on bentgrass unless possible crop injury can be tolerated

WEEDS CONTROLLED
DICAMBA AG will provide control or suppression of annual broadleaf weeds listed below. For improved control of listed weeds plus additional weeds, it is recommended that DICAMBA AG be applied in a tank mix with other herbicides.

Alfalfa [1]	Clover	Ladysthumb
Bedstraw, Catchweed	Cockle, White	Lambsquarters, Common
Bindweed, Field	Dock, Broadleaf	Lettuce, Prickly
Buttercup, Corn	Dock, Curly	Mayweed (Dogfennel)
Buttercup, Creeping	Hemlock, Poison	Ragwort, Tansy
Buttercup, Western Field	Knapweed, Russian [1]	Sorrel, Red (Sheep Sorrel)
Catchfly, Nightflowering	Knawel	Sowthistle, Annual
Chamomile, Corn	Kochia	Starwort, Little
Chickweed, Common	Knotweed, Prostrate	Thistle, Canada [1]
Chickweed, Mouseear		

[1] Top growth control only

RATES AND TIMINGS
Apply 1/2 to 1 pint of DICAMBA AG per treated acre on SEEDLING GRASS after the crop reaches the 3-5 leaf stage. Apply up to 2 pints of DICAMBA AG on well-established Perennial grass. DO NOT APPLY AFTER THE GRASS SEED CROP BEGINS TO JOINT. For best performance, make applications when weeds are in the 2-4 leaf stage and rosettes are less than 2 inches across. Use the higher level of listed rate ranges when treating more mature weeds or dense vegetative growth

TANK MIX TREATMENTS
For control of grasses or additional broadleaf weeds, DICAMBA AG may be tank mixed with all broadleaf herbicides registered for use in Grass Seed Production. Read and follow the label of each tank mix product used for precautionary statements, directions for use, weeds controlled and geographic and other restrictions.

Broadcast Rate Per Treated Acre:
Apply 1/2 to 2 pints DICAMBA AG with:

Product	Active Ingredient	Formulation	Amount of Product Per Acre
2,4-D Amine or Ester	2,4-D	4 lb/gal	1-4 pts. (.5-2.0 lb a.i./A) [1]
MCPA Amine	MCPA	4 lb/gal	1-2 pts (.5-1.0 lb a.i./A [1]
bromoxynil	bromoxynil	2 lb/gal	1-2 pts
Curtail®	clopyralid + 2,4-D	2.38 lb/gal	1 3/44 pts
diuron	diuron	80% DF	2-4 lbs
clopyralid	clopyralid	3lb/qal	1/4-1 pt

[1] When using formulations other than 4 lb/gal use pounds active/acre listed.

ANNUAL GRASS CONTROL

For suppression of ANNUAL GRASS WEEDS such as:
Brome, Downy (Cheatgrass)
Brome, Ripgut
Fescue, Rattail
Windgrass

Apply up to 2 pints (1lb. a.i.) of DICAMBA AG per treated acre in the fall or late summer after harvest and burning of established grass seed crops (maximum of 2 treatments per year). Applications should be made immediately following first irrigation when the soil is moist and before weeds have more than 2 leaves.

PREPLANT DIRECTIONS (POST HARVEST/FALLOW/CROP STUBBLE/SET-A-SIDE)
FOR BROADLEAF WEED CONTROL BEFORE WHEAT, CORN, SORGHUM, SOYBEANS

IMPORTANT
Observe all precautions. Read and follow mixing and application instructions.

WEEDS CONTROLLED
DICAMBA AG may be applied alone or in tank mix combinations with other herbicides registered for this use.

DICAMBA AG can be applied either POST HARVEST in the fall, spring or summer during the FALLOW period or to CROP STUBBLE/ SET-A-SIDE acres. DICAMBA AG, when applied at the specified rates, will control many ANNUAL broadleaf weeds; see the WEEDS CONTROLLED section under small grains. In addition, DICAMBA AG will control or suppress the following BIENNIAL and PERENNIAL broadleaf weeds:

Alfalfa [1]	Dock, Curly [1]	Sowthistle, perennial [1]
Artichoke, Jerusalem	Dogbane, Hemp	Spurge, leafy
Bindweed, Field	Garlic, Wild [2]	Thistle Bull
Bindweed, Hedge	Horsenettle, Carolina	Thistle, Canada [2]
Blueweed, Texas	Knapweed, Diffuse	Thistle, Milk
Bursage	Knapweed, Spotted	Thistle, Musk
(Bur Ragweed)	Nightshade, Silverleaf	Thistle, Plumeless
(Povertyweed)	Redvine	Thistle, Scotch
(Lakeweed) [1]	Smartweed, Swamp	Trumpetcreeper (Buckvine)
Dandelion, Common [1]		

[1] Perennials may be controlled using DICAMBA AG at rates lower than those recommended for other listed perennial weeds. (See RATES AND TIMINGS under this heading.)

[2] See the SPECIAL TANK MIX TREATMENTS section under this heading for specific control programs for these weeds.

RATES AND TIMINGS
Apply DICAMBA AG as a broadcast or spot treatment to emerged and actively growing weeds after crop harvest (post harvest) and before a killing frost or in the fallow cropland or crop stubble the following spring or summer. Agriculturally approved spray additives, such as surfactants or oils, may be used to enhance spray coverage and the herbicide's penetration of weed foliage. See Cropping restrictions for recommended interval between application and planting to prevent crop injury.

For best performance, make application when ANNUAL weeds are less than 6 inches tall, when BIENNIAL weeds are in the rosette stage and to PERENNIAL weed regrowth in late summer or fall following a mowing or tillage treatment. Most effective

control of upright perennial broadleaf w[illegible]s, such as Canada thistle and Jerusalem artic[illegible], occurs if application is made when the majority of weeds, such as field bindweed and hedge bindweed, are best controlled when weeds are in or beyond the full bloom stage.

Avoid disturbing treated areas following application. Treatments may not kill weeds which develop from seed or underground plant parts, such as rhizomes or bulblets, after the effective period for DICAMBA AG. For seedling control, a follow-up program or other cultural practices could be instituted. For small grain in-crop uses of DICAMBA AG, see the RATE AND TIMINGS section under the SMALL GRAINS heading for details.

DICAMBA AG RATES PER TREATED ACRE

NOTE: Retreatments may be made as needed; however, do not exceed a total of 2 pints (1 lb. a.i.) per treatment of DICAMBA AG with a maximum of 2 treatments per year.

WEED TYPE	AMOUNT OF PRODUCT PER ACRE*
Annual	1/2-1 pt (8-16 fl. oz.)
Biennial	1-2 pts (16-32 fl. oz.)
Perennial	1-4* pts (16-64 fl. oz.)
Perennial suppression	1-2 pts (16-32 fl. oz.)
Noted (1) perennials	2-4* pts (32-64 fl. oz.)
Other perennials	4* pts (4 fl. oz.)

* For application rates above 2 pints (1 lb. a.i.) DICAMBA AG per treated acre, apply a maximum of 2 pints (1.0 lb. a.i.) of DICAMBA AG per treated acre per application with a maximum of 2 applications per year.

TANK MIX TREATMENTS

DICAMBA AG may be tank mixed with one or more of the following herbicides for control of grasses or additional broadleaf weeds. Read and follow the label of each tank mix product used for precautionary statements, directions for use, rates and timings, weeds controlled, geographic and other restrictions

DICAMBA AG BROADCAST RATE PER TREATED ACRE FOR ANNUAL WEED CONTROL:

Apply 1/4 to 1 pint DICAMBA AG with:

Product	Active Ingredient	Formulation	Amount of Product Per Acre
Atrazine [1]	atrazine	4 lb/gal	1 /2-6 pts
		90% DF	1/2-3.3 lbs
metsulfuron-methyl [2]	metsulfuron-methyl	75% DF	0.1 oz
Amber® [2]	triasulfuron	75% DF	0.28-0.35oz
paraquat	paraquat	2 lb/gal	1-2 pts
		2.5 lb/gal	1.5 pts
Finesse® [2]	chlorsulfuron + metsulfuron-methyl	75% DF	0.2 oz
pronamide [1]	pronamide	50-W	1/2-1.0 lb
Fallow Master®	glyphosate + dicamba	1.6 lb/gal	22-44 fluid oz
Landmaster® BW	glyphosate + 2,4-D	2,4 lb/gal	27-54 fluid oz
glyphosate	glyphosate	3 lb/gal	8-48 fluid oz
metribuzin [1]	metribuzin	75% DF	1/2-1 lb
		4 lb/gal	3/4-1 1/2 pts
2,4-D	2,4-D	4 lb/gal	1-2 pts (0.5-1 lb a.i./A) [3]

[1] Tank mixes of DICAMBA AG with these products may be subject to special restrictions. See the Product Label of the tank mix partner for intended use rates, restrictions and other precautions.

[2] When tank mixing with sulfonylurea herbicides, refer to the product label for rates and restrictions. Use a surfactant of at least 80% active ingredient at the rate of 1-2 quarts/100 gallons of spray or not more than 0.25-0.5% by volume. Use the highest rate of surfactant when using the lower rate ranges of the tank mix and/or when treating more mature weeds or dense vegetative growth. Sulfonylurea resistant weeds may not be controlled by tank mixes of DICAMBA AG and a sulfonylurea. Refer to the DICAMBA AG tank mix section for alternative tank mixes.

[3] When using formulations other than 4 lb/gal use pounds active/acre listed.

DICAMBA AG BROADCAST RATE PER TREATED ACRE FOR BIENNIAL AND PERENNIAL WEED CONTROL: Apply 1 to 2 pints (0.5-1.0 lb. a.i.) of DICAMBA AG with:

Product	Active Ingredient	Formulation	Amount of Product Per Acre
Curtail®	clopyralid + 2,4-D	2.38 lb/gal	2-4 pts
2,4-D	2,4-D	4 lb/gal	2-6 pts (1.0-3 lb a.i./A) [1]
Landmaster® BW	glyphosate +2,4-D	2.4 lb/gal	54 fluid oz

glyphosate	glyphosate	3.0 lb/gal	1-5 qts
picloram	picloram	2 lb/gal	1/2-1 pt

[1] When using formulation other than 4 lb/gal use pounds active/acre listed.

SPECIAL TANK MIX TREATMENTS

For suppression of perennial weeds, apply 1/2-1 pint of DICAMBA AG with 8-16 fluid ounces of glyphosate herbicide per treated acre.

For wild garlic control, apply 1 pint DICAMBA AG with 3 pints of 2,4-D LV Ester (4 lb/gal) per treated acre. Apply when wild garlic is 4 to 8 inches tall.

For Canada thistle control, use DICAMBA AG, or DICAMBA AG plus Curtail® or DICAMBA AG plus glyphosate herbicide or glyphosate tank mix treatments.

Application may be made during fallow periods for control of volunteer barley, bulbous bluegrass, downy brome, jointed goatgrass, common rye and volunteer wheat when they are actively growing. Use 1 pint DICAMBA AG with 1/2-1 lb pronamide 50W. Fall seeded wheat may be planted 9 months or more after application. For best performance, make application between mid-October and mid-December, prior to soil freeze up.

During fallow periods, apply DICAMBA AG plus Landmaster® BW or Fallow Master® herbicide to give improved control of kochia, wild buckwheat, prickly lettuce, field bindweed and Canada thistle. Use 1/8-1/4 pint of DICAMBA AG plus 22 to 54 fluid ounces of Landmaster® BW or Fallow Master® herbicide for annual weed control or 1 /4 to 1 /2 pint DICAMBA AG plus 22 to 54 fluid ounces of Landmaster® BW or Fallow Master® herbicide for perennial weed suppression.

CROPPING RESTRICTIONS

The following recommendations are based on DICAMBA AG use rates up to 4 pints (2 lbs. a.i.) per treated acre applied in 2 applications per year at a maximum rate of 2 pints (1.0 lb. a.i.) per application.

CORN, SORGHUM and SOYBEANS may be planted in the spring following applications made during the previous year. If less than 1 inch of rainfall occurs between application and first killing frost, treated areas should be cultivated to allow herbicide to come in contact with moist soil. Cultivation may take place before or immediately after ground thaw.

Soybean injury may occur if the interval between application and planting is less than specified. In areas with greater than 30 inches of rainfall, delay planting for 30 days per pint of DICAMBA AG per treated acre. In areas with less than 30 inches of rainfall, delay planting for 45 days per pint of DICAMBA AG per treated acre. Exclude days when ground is frozen.

WHEAT may be planted in the fall or spring following applications. Also, spot applications may be made any time prior to crop emergence if crop injury can be tolerated in treated areas. Wheat injury may occur if the interval between application and planting is less than specified.

East of the Mississippi River, the interval is 20 days per pint of DICAMBA AG per treated acre or 1.25 days per 1 ounce. Moisture is essential for DICAMBA AG degradation. Exclude days when ground is frozen.

West of the Mississippi River, the interval is 45 days per pint of DICAMBA AG per treated acre or 3 days per ounce. Moisture is essential for DICAMBA AG degradation. Exclude days when ground is frozen.

Following a normal harvest of barley, oats, or wheat, any rotation crop may be planted. If the interval before harvest is shortened, such as when cover crops will be plowed under, do not follow up with the planting of a sensitive crop.

CONTROL OF PERENNIAL BROADLEAF WEEDS IN CROPLAND (SPOT APPLICATION ONLY)

FOR USE ONLY IN THE STATES OF IDAHO, MONTANA, NEVADA, OREGON, UTAH AND WASHINGTON.

IMPORTANT

Observe all precautions. Read and follow mixing and application instructions.
Do not treat subirrigated cropland or areas where the soil remains saturated with water throughout the year.

Make only one application on DICAMBA AG per year.

WEEDS CONTROLLED

DICAMBA AG, when applied at specified rates, will control many broadleaf weeds including:

Bindweed, Field
Dock, Broadleaf (Bitterdock)
Dock, Curly
Knapweed, Black
Knapweed, Russian
Ragwort, Tansy
Spurge, Leafy
Thistle, Canada

RATES AND TIMINGS

DICAMBA AG may be applied at any time following a crop harvest to stubble, fallow or other cropland. Application should be made when weeds are actively growing and prior to a killing frost.

Apply a maximum of 2 pints (1.0 lb. a.i.) of DICAMBA AG per treated acre per application with a maximum of 2 applications per year. Application may be made up to one month prior to the planting of wheat.

NOTE: Do not use unless injury to wheat or rotated barley will be acceptable.

Barley, oats, corn, sorghum (milo), annual or perennial grass crops may be planted into treated areas one year after application. Crops grown for seed (other than perennial grass seed) should not be planted into treated areas until three years after application. Do not plant broadleaf crops such as alfalfa, beans, peas, potatoes, or sugarbeets into treated areas until two years after application.

In most cases, treatments will not kill perennial weed seedlings, which germinate from seed one or two years after treatment. Once the effect of the chemical has been lost, a follow-up program for seedling control or other cultural practices should be instituted.

WIPER APPLICATION USES

IMPORTANT: Observe all precautions.

DICAMBA AG may be applied through wiper application equipment to control or suppress actively growing broadleaf weeds, brush and vines. Use a solution containing 1 part DICAMBA AG to 1 part water. Do not contact desirable vegetation with herbicide solution. Wiper application should only be made to crops (including pastures) and non-cropland areas described in this label with the exception of Grain Sorghum (Milo).

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

[Optional BULK STORAGE AND DISPOSAL (to be printed on labeling for bulk containers only)

AGITATE BEFORE USE

PROHIBITIONS

Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited. This product may not be mixed, loaded, or used within 50 feet of all wells including abandoned wells, drainage wells and sinkholes.]

PESTICIDE STORAGE

Store in original containers in a well-ventilated area separately from fertilizer, feed and foodstuffs. Avoid cross-contamination with other pesticides. Spillage or leakage should be contained and absorbed with clay granules, sawdust, or equivalent material for disposal. *[Optional Bulk Storage Instructions: Ground water contamination may be reduced by diking and flooring of permanent liquid storage sites with an impermeable material.]*

PESTICIDE DISPOSAL

Triple rinse pesticide from containers and use rinsates in the pesticide application. Wastes which cannot be used according to label instructions may be disposed of on site or at an approved waste disposal facility. *[Optional Bulk Storage Instructions: Pesticide spray mixture or rinsate that cannot be used according to label instructions must be disposed of according to Federal and local procedures under Subtitle C of the Resource Conservation and Recovery Act.*

CONTAINER DISPOSAL Non-refillable containers. Plastic or Metal: Do not reuse or refill this container. Triple rinse or pressure rinse container (or equivalent) promptly after emptying. Offer for recycling, if available, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities, such as burning of plastic containers. If burned, stay out of smoke.

Non-refillable container less than or equal to 5 gallons: Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

Non-refillable container greater than 5 gallons: Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times.

Pressure rinse as follows (all sizes): Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application

equipment or mix tank or collect rin) for later use or disposal. Insert pressure) ing nozzle in the side of the container and rinse at about 40 PSI for at least 30 seconds. Drain for 10 seconds after the flow begins to drip. **Refillable container (250 gallon & bulk):** Refill this container with pesticide only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from the container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing process two more times.

CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

NOTICE: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of this product should be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather, presence of other materials, or other influencing factors in the use of the product, which are beyond the control of J. OLIVER PRODUCTS, LLC or Seller. All such risks shall be assumed by the Buyer and User, and Buyer and User agree to hold J. OLIVER PRODUCTS, LLC and Seller harmless for any claims relating to such factors.

J. OLIVER PRODUCTS, LLC warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. This warranty does not extend to the use of this product contrary to label instructions or under abnormal conditions or under conditions not reasonably foreseeable to or beyond the control of Seller or J. OLIVER PRODUCTS, LLC, and Buyer and User assume the risk for such use. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, NO OTHER EXPRESS WARRANTY OR IMPLIED WARRANTY OF FITNESS FOR PARTICULAR PURPOSE OR MERCHANTABILITY IS MADE. This warranty is also subject to the conditions and limitations stated herein.

To the extent consistent with applicable law, neither J. OLIVER PRODUCTS, LLC nor Seller shall be liable for any incidental, consequential or special damages resulting from the use or handling of this product. THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF J. OLIVER PRODUCTS, LLC OR SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, STRICT LIABILITY, TORT OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT, OR, AT THE ELECTION OF J. OLIVER PRODUCTS, LLC OR SELLER, THE REPLACEMENT OF THE PRODUCT.

J. OLIVER PRODUCTS, LLC and Seller offer this product, and Buyer and User accept it, subject to the forgoing Conditions of Sale and Limitation of Warranty and Liability which may not be modified except by written agreement signed by a duly authorized representative of J. OLIVER PRODUCTS, LLC.

REGISTERED TRADEMARKS

Amber, Beacon, and Tough are registered trademarks of Syngenta.
Accent, Express, Finesse, Glean, and Harmony are registered trademarks of E.I. duPont de Nemours & Co., Inc.
Bronate, Dakota, and Tiller are registered trademarks of Bayer Cropscience.

Battalion, Bronco, Bullet, Harness, Landmaster, Lariat, Lasso, Partner, Permit, Ramrod, and Screen are registered trademarks of Monsanto Company.
Broadstrike and Curtail are registered trademarks of Dow AgroSciences.

Clarity, Fallow Master, and Frontier are registered trademarks of BASF Corporation.

All other trademarks are the property of their respective owners.

EPA Reg. No: 83222-14
Action: change from a 100% repack of [redacted] to the Formulator's Exemption
PRIA DUE DATE: September 27, 2009

To: Joanne Miller (PM) and Jim Stone (secondary reviewer)
From: Beth Benbow (primary reviewer)

Remarks:

EPA Reg. No. [redacted] (the previously cited product) was just reviewed for acute tox. during reregistration and the signal word was revised from Warning to Caution.

As these two products are substantially similar, the recent acute tox review for [redacted] has been bridged to 83222-14 during this registration amendment. Thus, the signal word and other precautionary statement on the 83222-14 label has also been revised.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

TECHNICAL REVIEW BRANCH
SIMILARITY CLINIC DETERMINATION

18AUG/2009

MEMORANDUM

Subject:	Name of Pesticide Product:	Dicamba AG
	EPA Reg. No. /File Symbol:	83222-14
	DP Barcode:	D365431
	Decision No:	409557
	Action Code:	R340
	PC Code:	029802

From: Eugenia McAndrew, Biologist
Technical Review Branch
Registration Division (7505P)

E. McAndrew
M Hoshi
Team Leader - Toxicology

To: Bethany Dalrymple, RM Team 23
Herbicide Branch
Registration Division (7505P)

Applicant: J. Oliver Products, LLC
3187 Robertson Gin Road
Hernando, MS 38632

FORMULATION FROM LABEL:

Active Ingredient(s):	% by wt.
Dimethylamine salt of dicamba	49.2
Inert Ingredient(s):	50.8
Total:	100.0%

ACTION REQUESTED: The Risk Manager requests: The registrant is proposing to change this end-use Dicamba product registration from a 100% repack of [redacted] to the Formulator's Exemption.

BACKGROUND: J. Oliver Products, LLC has applied for an amendment to the registration of Dicamba AG, EPA Reg. No. 83222-14. This product was originally registered as a 100% repack of EPA Reg. No. [redacted]. The purpose of the amendment is to change from a repack registration to the Formulator's Exemption. The registrant has submitted a basic CSF and two alternate CSFs dated April 30, 2009.

The Registrant is using the cite-all method of data support to satisfy the acute toxicity data requirements and would like to rely on acute toxicity data submitted for [redacted]. A search of the OPP electronic databases shows that the Product Reregistration Branch assigned an acute toxicity profile to the cited product, [redacted], during reregistration [redacted]). The signal word was determined to be CAUTION.

RECOMMENDATIONS:

1. TRB has evaluated the formulations of the proposed product, 83222-14, and the cited product, [redacted], and has determined that the two products are toxicologically similar.

2. The acute toxicity profile for the proposed product, Dicamba AG, EPA Reg. No. 83222-14, is as follows:

acute oral toxicity	III	cited	[redacted]
acute dermal toxicity	IV	cited	
acute inhalation toxicity	IV	cited	
primary eye irritation	IV	cited	
primary skin irritation	IV	cited	
dermal sensitization	negative	cited	

3. The proposed basic and alternate CSFs dated April 30, 2009 should be approved by the TRB Product Chemistry Team.

LABELING: Based on the toxicity profile above, the following are the precautionary and first aid statements for this product as obtained from the Label Review System:

PRODUCT ID #: 083222-00014

PRODUCT NAME: Dicamba AG

PRECAUTIONARY STATEMENTS

SIGNAL WORD: CAUTION

Hazards to Humans and Domestic Animals:

Harmful if swallowed. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Wear: Long-sleeved shirt and long pants, socks, shoes, and chemical-resistant gloves.

First Aid:

If swallowed:
-Call a poison control center or doctor immediately for treatment advice.
-Have person sip a glass of water if able to swallow.
-Do not induce vomiting unless told to by a poison control center or doctor.
-Do not give anything to an unconscious person.

Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact 1-800-xxx-xxxx for emergency medical treatment information.

DATE OUT: 07/28/09
SUBJECT: FEE PRODUCT CHEMISTRY REVIEW OF MP [ ] EP [X]
DP BARCODE No.: D365429 **REG. No. /File Symbol No.** 83222-14
PRODUCT NAME: DICAMBA AG
PCC: 029802 **Decision No.** 409557
FOOD USE [X]
COMPANY: J OLIVER PRODUCTS, LLC.

FROM: Indira Gairola, Chemist
Product Chemistry Team
Technical Review Branch/RD (7505P)

TO: Joanne Miller/Bethany Dalrymple PM 23
Herbicide Branch/ RD (7505P)

J OLIVER PRODUCTS, LLC. is seeking approval for the subject product DICAMBA AG as EPA Reg. # 83222-14 . The subject product was originally 100.0% repack of EPA Reg. # 83222-12. Applicant has submitted a Basic CSF, Alternate CSF#1, and Alternate CSF #2 all dated 04/30/09, and Product chemistry data to support the product.
The submitted package was reviewed and details will be discussed below:

SUMMARY OF FINDINGS:

1. The subject product DICAMBA AG contains 49.2 % of Dimethylamine salt of Dicamba.

2. J OLIVER PRODUCTS, LLC. has submitted MRID # 477567-01 for Product Chemistry data to support the registration DICAMBA AG.

3. The sources of active ingredients for the subject product are registered.

4. Basic CSF, Alternate CSF#1 & #2 all dated 04/30/09 for the subject product meet the label claim of 49.2 % of Dimethylamine salt of Dicamba.

5. Product Chemistry Data for the Sub Group A and Sub Group B for the proposed Product have been satisfied except finding #6.

6. Applicant needs to submit Storage stability / Corrosion characteristics study Data for 3, 6, 9 and 12 month intervals. These data are a requirement.

CONCLUSIONS:

TRB has reviewed the product chemistry data submitted for the above mentioned subject product and has concluded that:

1. The subject product DICAMBA AG contains 49.2 % of Dimethylamine salt of Dicamba.

2. The label claim is in compliance with PR Notice 91-2.

3 Basic CSF and Alternate CSF#1 & #2, all dated 04/30/09 for the subject product meet the label claim of 49.2 % of Dimethylamine salt of Dicamba are found to be acceptable.

4. Alternate CSFs #1 and #2 both dated 04/30/09 are in compliance with 40CFR §152.43.

5. The product chemistry data requirements for series 830 Sub Group A & B for the proposed product are satisfied except finding # 6.

BARCODE No.: D365429 **File Symbol No. 83222-14** **PRODUCT NAME** DICAMBA AG

PRODUCT CHEMISTRY DATA (SERIES 830 Subgroup A & Subgroup B)Subgroup A	Data Required Fulfilled	MRID No.
830.1550. Chemical Identity (Basic CSF)	A	Basic & Alt CSF#1, #2 all dated 04/30/09
830.1600. Beginning Materials	A	477567-01
30.1650. Formulation Process	A	477567-01
830.1670. Discussion of Impurities	A	477567-01
830.1700. Preliminary Analysis	NA	
830.1750. Certified Limits (Basic CSF)	A	Basic & Alt CSF#1, #2 all dated 04/30/09
830.1800. Enforcement Analytical Method	A	477567-01

PRODUCT CHEMISTRY DATA (SERIES 830 Subgroup B)	Data Required Fulfilled	Value or Qualitat. Descrip.	MRID No.
830.6302. Color	A	Very dark amber	477567-01
830.6303. Physical State	A	liquid	477567-01
830.6304. Odor	A	Very slight amine odor	477567-01
830.6314. Oxidation/Reduction Action	NA	Neither technical grade active nor the inert ingredients are considered as strong oxidizing or reducing agents	477567-01
830.6315. Flammability	NA	The product does not contain combustible liquids	
830.6316. Explodability	NA	NA	
830.6317. Storage stability	I	I	
830.6319. Miscibility	NA	Not intended to be diluted with petroleum solvents	
830.6320. Corrosion Characteristics	I	I	
830.6321. Dialect. Bkd. Vltg.	NA	NA	
830.7000. pH	A	4.0.5 (in 1.0% of soln.)	477567-01
830.7100. Viscosity	A	5.30 cPs @ 25 °C, 3.34 centipoise@41 °C,	477567-01
830.7300. Density/Bulk Density	A	1.150 g/cc@ 25 °C;1.143g/cc@ 41 °C	477567-01

Explanations: Y = The Requirements Were Fulfilled; N = The Requirements Were Not Fulfilled; NA = Not applicable; G = Data Gap; U = Requires Upgrading; I = Incomplete or In Progress; W = Waived.

RE: EPA Reg. No. 83222-14 "Dicamba Ag"
Lawrence A. Miller to: Bethany Dalrymple 08/13/2009 04:29 PM
Cc: jmiller

Dear Ms. Dalrymple:

As per our discussion this afternoon, if it is easier for the toxicology division to review, yes we would like to use the tox. studies associated with [redacted] As I had mentioned to you, J. Oliver has already sent offer to pay letters to all companies who submitted toxicity data that appear on the data submitters list for Dicamba.

Best Regards,

Jan M. Miller
BIOLOGIC, Inc.
115 Obtuse Hill Road
Brookfield, CT 06804

Tel: (203) 740-1200
Fax: (203) 740-1220
Email: lmiller@biologicconsulting.com

-----Original Message-----
From: Dalrymple.Bethany@epamail.epa.gov
[mailto:Dalrymple.Bethany@epamail.epa.gov]
Sent: Wednesday, August 12, 2009 3:03 PM
To: lmiller@biologicconsulting.com
Subject: EPA Reg. No. 83222-14 "Dicamba Ag"

Dear Ms. Miller,

I am currently reviewing your application for pesticide amendment to change the registered end-use product, (Reg. No. 83222-14) from a "repack" of EPA Reg. No. [redacted] to the formulator's exemption. In your letter, you wrote the following:

"J. Oliver Products, LLC has chosen the cite-all option for any acute toxicity data that may be relevant to the approval of this amendment action..."

Do you intend on using the acute toxicity data that is currently supporting Reg. No. [redacted] for this registration amendment?

Product ingredient source information may be entitled to confidential treatment

Thank you,

Beth Benbow, M.S.
Biologist
Herbicide Branch
Registration Division
U.S. Environmental Protection Agency
office:(703) 347-8072
email: Dalrymple.Bethany@epa.gov

PRIA 2 – 21 Day Content Screen Review Worksheet

(EPA/OPP Use Only)

3/23/09

21 Day Screen Start Date: 5-6-09

Experts In-Processing Signature: MF HARRINGTON Date 5-11-09 Fee Paid: Yes ✓

Division management contacted on issues No_____Yes_____Date_____

EPA Reg. Number: 83222-14	EPA Receipt Date: 5-6-09

	Items for Review			Yes	No	N/A*
1	**Application Form** (EPA Form 8570-1)(link to form) signed & complete including package type			X		
2	**Confidential Statement of Formula** all boxes completed, form signed, and dated (EPA Form 8570-4) (Link to form)			X		
	a) All inerts (link to http://www.epa.gov/opprd001/inerts/), including fragrances, approved for the proposed uses (see Footnote A) See comments	yes: X	no:			
3	**Certification with Respect to Citation of Data** (EPA Form 8570-34) (Link to form) completed and signed (N/A if 100% repack)			X		
	Certificate and data matrix consistent			X		
	If applicant is relying on data that are compensable, is the offer to pay statement included. (see Footnote B)	yes:	no:			
	If applicable, is there a letter of Authorization for exclusive use only.					
4	**Formulator's Exemption Statement** (EPA Form 8570-27) (Link to form) completed and signed (N/A if source is unregistered or applicant owns the technical)			X		
5	**Data Matrix** (EPA Form 8570-35) (Link to form) both internal and external copies (PR 98-5) (Link to PR 98-5) completed and signed (N/A if 100% repack)			X		
	a) Selective Method (Fee category experts use)	yes: X	no:			
	b) Cite-All (Fee category experts use)	yes:	no:			
	c) Applicant owns all data (Fee category experts use)	yes:	no:			
6	**5 Copies of Label (link to http://www.epa.gov/oppfead1/labeling/lrm/) (Electronic labels on CD are encouraged and guidance is available)(link to** http://www.epa.gov/pesticides/regulating/registering/submissions/index.htm#labels)			X		

7	**Is the data package consistent with PR Notice 86-5** (link to PRN 86-5)	X		
8	**Notice of Filing (link to http://www.epa.gov/pesticides/regulating/tolerance_petitions.htm) included with petitions (link to http://www.epa.gov/pesticides/regulating/tolerances.htm)**			X
9	**If applicable for conventional applications, reduced risk rationale (link to http://www.epa.gov/opprd001/workplan/reducedrisk.html)**			X
10	**Required Data (link to http://www.epa.gov/pesticides/regulating/data_requirements.htm) and/or data waivers. See Footnote C.**			
	a) List study (or studies) not included with application			

Comments:

-Studies passed 86-5 review
477567-01

[redacted]

* N/A – Not Applicable

Footnotes

A. During the 21 day initial content review, all CSFs will be reviewed to determine whether all inerts listed, including fragrances, are approved for the proposed uses. If an unapproved inert is identified, the applicant must either 1) resolve the inert issue by, for example, removing the inert, substituting it with an approved inert, submitting documentation that EPA approved the inert for the proposed pesticidal uses, correcting mistakes on the CSF, etc. or 2) provide the data to support OPP approval of the inert or 3) withdraw the application. Removing or substituting an inert ingredient will require a new CSF and may require submission of data. All information, forms, data and documentation resolving the inert issue must have been received by the Agency or the application withdrawn within the 21 day period, otherwise, the Agency will reject the application as described below.

To successfully complete this aspect of the 21 day initial content screen, applicants are **strongly encouraged** to verify that all inert ingredients have been approved for the application's uses **even if a product is currently registered** by consulting the inert Web

site [link to http://www.epa.gov/opprd001/inerts/lists.html] and if the inert is not approved, to **obtain the necessary inert approval prior to submitting an application to register a pesticide product containing that inert ingredient.** Some inert ingredients are no longer approved for food uses or certain types of uses. The name and/or CAS number on a CSF must match the name and CAS number on this web site. Simple typographical errors in the name or CAS number have resulted in processing delays.

If an inert is not listed on the inert ingredient web site and the applicant believes that the inert has been approved, the applicant should contact the Inert Ingredient Assessment Branch (IIAB) at inertsbranch@epa.gov and resolve the issue. Copies of the correspondence with IIAB resolving the issue should accompany the application. All new inerts except PIP inerts are reviewed by IIAB. The IIAB should also be contacted for any questions on what supporting data needs to be submitted for and the Agency's inert review process. Questions on PIP inerts should be directed to the Chief of Microbial Pesticides Branch [Link to http://www.epa.gov/oppbppd1/biopesticides/contacts_bppd.htm].

When a brand, trade, or proprietary name of an inert ingredient is listed on a CSF, additional information such as an alternate name of the inert, CAS number or other information [link to http://www.epa.gov/opprd001/inerts/tips.pdf] must also be included to enable the Agency to determine if it has been approved. Each component of an inert mixture (including a fragrance) must be identified. In some cases, the supplier of the mixture or fragrance may need to provide this information to the Agency. Prior to the Agency's receipt of an application, applicants must arrange with a proprietary mixture or fragrance supplier to provide the component information to the Agency or promptly upon EPA's request. If the inert ingredients in a proprietary blend (including fragrances) cannot or are not identified or provided within the 21-day content review period, the Agency will reject the application.

During the 21 day content review, applicants should submit information to the individual identified by the Agency when the applicant is informed of an unapproved inert.

Unapproved Inerts Identified on CSFs

All applications except conventional new products and PIPs

Once an unapproved inert is identified on a CSF, the Agency will contact the applicant with the following options:

1. Correct the application by, for instance, correcting the inert's identity or CAS number, providing documentation that the inert has been approved, or removing the unapproved inert from the CSF or replacing it with one that is approved for the application's uses; or

2. Submit the information and data needed for the Agency to approve the unapproved inert. If this option is selected and implemented, the Agency may request an extension in the PRIA decision review timeframe to accommodate the inert review/approval process;

3. Withdraw the application (the Agency retains 25% of the full fee for the fee category estimated); or

If none of these options is selected and implemented by the applicant within the 21 day content review period, the Agency will reject the application and retain 25% of the full fee of the category identified.

Conventional New Product Applications

When the Registration Division identifies an unapproved inert on a CSF with an application for a new product that the applicant has not identified as requiring an inert approval (R311, R312 or R313), it will contact the applicant with the following options:

1. Correct the application by, for instance, correcting the inert's identity or CAS number, providing documentation that the inert has been approved, or removing the unapproved inert from the CSF or replacing it with one that is approved for the application's uses; or

2. Submit the information and data needed for the Agency to approve the unapproved inert, including any required petition to establish or amend a tolerance or exemption from a tolerance. (This option may change the PRIA category for the application, which could require a longer decision review time and a larger fee. If additional fees are due, they must be received by the Agency within the 21 day content review period.)

3. Withdraw the application (the Agency retains 25% of the full fee for the fee category estimated); or

If none of the above options is selected and implemented during the 21-day content-review period, the Agency will reject the application and retain 25% of the appropriate fee for the new product-inert approval category.

PIP Applications

When the Biopesticide and Pollution Prevention Division identifies an unapproved inert on a PIP CSF and a request to approve the inert does not accompany the application, it will contact the applicant with the following options:

1. Correct the application by, for instance, correcting the spelling or name of the inert to that in 40 CFR 174, or providing documentation that the inert has been approved; or

2. Submit the information and data needed for the Agency to approve the unapproved inert. If an inert ingredient tolerance exemption petition is required, the petition must be received by the Agency and the B903 fee paid within the 21 day period. If this option is selected and implemented, the Agency will discuss harmonizing the timeframe for both actions.

3. Withdraw the application (the Agency retains 25% of the full fee for the fee category estimated); or

If none of the above options is selected and implemented during the 21 day content review period, the Agency will reject the application and retain 25% of the fee.

B. A policy on documentation of offers to pay is still being developed, however, for a me-too or fast track (similar/identical) new product, R300 or A530, an application without the necessary authorizations of offers to pay will be placed into either R301 or A531. The Agency recommends that authorizations of offers to pay be submitted with other PRIA applications to avoid delays in the Agency's decision.

C. Biopesticide applicants are advised to contact the Agency and discuss study waivers prior to submitting their application to the Agency. Documentation of such discussions should be submitted with the study waiver.

Fee for Service

{849715>~

This package includes the following

- ○ New Registration
- ◉ Amendment

☑ Studies? ☐ Fee Waiver?

☐ volpay % Reduction: ___

for Division

- ○ AD
- ○ BPPD
- ◉ RD

Risk Mgr. 23

Receipt No. S- 849715

EPA File Symbol/Reg. No. 83222-14

Pin-Punch Date: 5/6/2009

☐ This item is NOT subject to FFS action.

Action Code:

Requested: R-340

Granted: R-340

Amount Due: $ 3,444.00

[redacted]

5/12/09

☒ Inert Cleared for Intended Use ☐ Uncleared Inert in Product

Parent/Child Decisions:

Reviewer: J. Miller Date: 5-8-09

Remarks:

Inert ingredient information may be entitled to confidential treatment

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

May 8, 2009

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

OPP Decision Number: D-409557
EPA File Symbol or Registration Number: 83222-14
Product Name: DICAMBA AG
EPA Receipt Date: 06-May-2009
EPA Company Number: 83222
Company Name: J. OLIVER PRODUCTS, LLC

Jane Miller
BIOLOGIC, INC.
J. OLIVER PRODUCTS, LLC
115 OBTUSE HILL ROAD
BROOKFIELD, CT 06804-

SUBJECT: Receipt of Registration Amendment Subject to Registration Service Fee

Dear Registrant:

The Office of Pesticide Programs has received your amendment and certification of payment. If you submitted data with this application, the results of the PRN-86-5 screen will be communicated separately. During the administrative screen, the Office of Pesticide Programs has determined that this Action is subject to a Pesticide Registration Service Fee as defined in the Pesticide Registration Improvement Act.

The Action has been identified as Action Code: R340

NON-FAST-TRACK (INCLUDES CHANGES TO PRECAUTIONARY LABEL STATEMENTS;SOURCE CHANGES TO AN UNREGISTERED SOURCE);

No additional payment is due at this time.

If you have any questions, please contact the Pesticide Registration Service Fee Ombudsman at (703) 305-6249.

Sincerely,

Front End Processing Staff
Information Technology & Resources Management Division

FW: Pay.Gov Payment Confirmation
Jane Miller to: John Jamula 05/08/2009 02:01 PM

Here is the receipt. It was attached to the package. This is the second time the receipt has gone missing at the EPA.

Regards,

Jane Miller

-----Original Message-----
From: paygovadmin@mail.doc.twai.gov [mailto:paygovadmin@mail.doc.twai.gov]
Sent: Tuesday, May 05, 2009 12:36 PM
To: jmiller@biologicconsulting.com
Subject: Pay.Gov Payment Confirmation

THIS IS AN AUTOMATED MESSAGE. PLEASE DO NOT REPLY.

Your transaction has been successfully completed.

Payment Summary

Application Name: PRIA Service Fees
Pay.gov Tracking ID: 24VET5JS
Agency Tracking ID: 74070267517

Account Holder Name: Jane M. Miller
Transaction Type: Sale
Billing Address: 115 Obtuse Hill Road
City: Brookfield
State/Province: CT
Zip/Postal Code: 06804
Country: USA
Card Type: Visa
Card Number: **********0690
Payment Amount: $3,444.00
Transaction Date: May 5, 2009 12:35:59 PM

Decision Number:
Registration Number:

Jane,

I received the amendment for J. Oliver Products (Dicamba AG) 83222-14.

However, there was no copy of a check or pay.gov receipt with the application.

Please scan and e-mail it to me ..... Thanks ... JJ>Regards,

BIOLOGIC INC.
agribusiness professionals

477567-00

April 30, 2009

Document Processing Desk (AMEND)
Office of Pesticide Programs (7504P)
US Environmental Protection Agency
One Potomac Yard
2777 S. Crystal Drive
Room S-4900, 4th Floor
Arlington, VA 22202

Attention: Ms. J. Miller (PM #23)
RE: Dicamba AG; EPA Reg. No. 83222-14
Application for Pesticide Amendment
Change from "Re-Pack" to Formulator's Exemption

Dear Ms. Miller:

On behalf of J. Oliver Products, LLC. we are submitting an Application for Pesticide Amendment for the above mentioned product. The purpose of this amendment action is to change the registered end-use product from a "Re-Pack" registration to the Formulator's Exemption under FIFRA section 3(c)(2)(D).

The following documents are enclosed to process this amendment action:

Volume 1 Administrative Materials

- Application for Pesticide Amendment (EPA Form 8570-1)
- Certification With Respect to Citation of Data (EPA Form 8570-34)
- Data Matrix (EPA Form 8570-35)
- Formulator's Exemption Statement (EPA Form 8570-27)
- Confidential Statement of Formula (EPA Form 8570-4)
- Five (5) copies of draft labeling

47756701 Volume 2 Product Identity and Composition, Physical/Chemical Properties
OPPTS Numbers 830.1550 through 830.7300

J. Oliver Products, LLC has chosen the cite-all option for any acute toxicity data that may be relevant to the approval of this amendment action and has sent offer to pay letters to all companies appearing on the EPA Data Submitters list for dicamba.

This application will fall within the category on Table 5 - Registration Division: Amendments to Registration, EPA No. R340; CR No.54. The PRIA fee for this application is $3,444.

Should you have any questions, or wish to reach me, please feel free to contact our office at 203-740-1200.

Sincerely,

Jane Miller
Agent to J. Oliver Products, LLC

115 Obtuse Hill • Brookfield, Connecticut 06804 • USA
Voice: 203.740.1200 • Fax: 203.740.1220 • Email: lmiller@biologicconsulting.com

Please read instructions on reverse before completing form. Form Approved. OMB No. 2070-0060. Approval expires 2-28-9[illegible]

EPA

United States
Environmental Protection Agency
Washington, DC 20460

- [ ] Registration
- [x] Amendment
- [ ] Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number	2. EPA Product Manager	3. Proposed Classification
83222-14	J. Miller	[ ] None [ ] Restricted
4. Company/Product (Name)	**PM#**	
Dicamba AG	23	

5. Name and Address of Applicant *(Include ZIP Code)*

J. Oliver Products, LLC
3187 Robertson Gin Road
Hernando, MS 38632

[ ] *Check if this is a new address*

6. Expedited Review. In accordance with FIFRA Section 3(c)(3)(b)(i), my product is similar or identical in composition and labeling to:

EPA Reg. No. _____

Product Name _____

Section - II

- [x] Amendment - Explain below.
- [ ] Resubmission in response to Agency letter dated _____
- [ ] Notification - Explain below.
- [ ] Final printed labels in response to Agency letter dated _____
- [ ] "Me Too" Application.
- [ ] Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

This amendment is to change this registration from a 100% re-pack of an existing end-use registration to the Formulator's Exemption under FIFRA section 3(c)(2)(D). This action will fall within the category as stated in Table 5 - Registration Division: Amendments to Registration as published in the Federal Register. This product is further defined under EPA No. R340; CR No. 54 as a "Non-Fast-Track" amendment. The PRIA fee for this registration action is therefore $3,444.

Jane M. Miller - Tel: 203-740-1200; Fax: 203-740-1220; Email: jmiller@biologicconsulting.com

Section - III

1. Material This Product Will Be Packaged In:

Child-Resistant Packaging	Unit Packaging	Water Soluble Packaging	2. Type of Container
[ ] Yes [x] No	[ ] Yes [x] No	[ ] Yes [x] No	[ ] Metal [x] Plastic [ ] Glass [ ] Paper [ ] Other (Specify) _____
** Certification must be submitted*	If "Yes" Unit Packaging wgt. / No. per container	If "Yes" Package wgt / No. per container	

3. Location of Net Contents Information	4. Size(s) Retail Container	5. Location of Label Directions
[x] Label [ ] Container	2.5, 5 gal.	[x]

6. Manner in Which Label is Affixed to Product [x] Lithograph / Paper glued / Stenciled [ ] Other _____

Section - IV

1. Contact Point *(Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)*

Name	Title	Telephone No. (Include Area Code)
Jane M. Miller	Agent	(203) 740-1200

Certification

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.

2. Signature	3. Title	6. Date Application Received (Stamped)
J. M. Miller	Agent	
4. Typed Name	**5. Date**	
Jane M. Miller	April 30, 2009	

EPA Form 8570-1 (Rev. 3-94) Previous editions are obsolete.

White - EPA File Copy

Form Approved OMB No. 2070-0060

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
401 M Street, S.W.
WASHINGTON, D.C. 20460

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 1.25 hours per response for registration and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the completed form to this address.

Certification with Respect to Citation of Data

Applicant's/Registrant's Name, Address, and Telephone Number J. Oliver Products, LLC 3187 Robertson Gin Road Hernando, MS 38732	EPA Registration Number/File Symbol 83222-t4
Active Ingredient(s) and/or representative test compound(s) Dicamba	Date April 30, 2009
General Use Pattern(s) (list all those claimed for this product using 40 CFR Part 158) Terrestrial food, Terrestrial Non-Food	Product Name Dicamba AG

NOTE: If your product is a 100% repackaging of another purchased EPA-registered product labeled for all the same uses on your label, you do not need to submit this form. You must submit the Formulator's Exemption Statement (EPA Form 8570-27).

☐ I am responding to a Data-Call-In Notice, and have included with this form a list of companies sent offers of compensation (the Data Matrix form should be used for this purpose).

SECTION I: METHOD OF DATA SUPPORT (Check one method only)

☐ I am using the cite-all method of support, and have included with this form a list of companies sent offers of compensation (the Data Matrix form should be used for this purpose).

☑ I am using the selective method of support (or cite-all option under the selective method), and have included with this form a completed list of data requirements (the Data Matrix form must be used).

SECTION II: GENERAL OFFER TO PAY

[Required if using the cite-all method or when using the cite-all option under the selective method to satisfy one or more data requirements]

☑ I hereby offer and agree to pay compensation, to other persons, with regard to the approval of this application, to the extent required by FIFRA.

SECTION III: CERTIFICATION

I certify that this application for registration, this form for reregistration, or this Data-Call-In response is supported by all data submitted or cited in the application for registration, the form for reregistration, or the Data-Call-In response. In addition, if the cite-all option or cite-all option under the selective method is indicated in Section I, this application is supported by all data in the Agency's files that (1) concern the properties or effects of this product or an identical or substantially similar product, or one or more of the ingredients in this product; and (2) is a type of data that would be required to be submitted under the data requirements in effect on the date of approval of this application if the application sought the initial registration of a product of identical or similar composition and uses .

I certify that for each exclusive use study cited in support of this registration or reregistration, that I am the original data submitter or that I have obtained the written permission of the original data submitter to cite that study.

I certify that for each study cited in support of this registration or reregistration that is not an exclusive use study, either: (a) I am the original data submitter; (b) I have obtained the permission of the original data submitter to use the study in support of this application; (c) all periods of eligibility for compensation have expired for the study; (d) the study is in the public literature; or (e) I have notified in writing the company that submitted the study and have offered (i) to pay compensation to the extent required by sections 3(c)(1)(F) and/or 3(c)(2)(B) of FIFRA; and (ii) to commence negotiations to determine the amount and terms of compensation, if any, to be paid for the use of the study.

I certify that in all instances where an offer of compensation is required, copies of all offers to pay compensation and evidence of their delivery in accordance with sections 3(c)(1)(F) and/or 3(c)(2)(B) of FIFRA are available and will be submitted to the Agency upon request. Should I fail to produce such evidence to the Agency upon request, I understand that the Agency may initiate action to deny, cancel or suspend the registration of my product in conformity with FIFRA.

I certify that the statements I have made on this form and all attachments to it are true, accurate, and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.

Signature	Date	Typed or Printed Name and Title
	April 30, 2009	Jane M. Miller, Agent

EPA Form 8570-34 (9-97) Electronic and Paper versions available. Submit only Paper version.

Form Approved. OMB No. 2070-0060. Approval Expires 5-31-98.

United States
Environmental Protection Agency
Washington, DC 20460

Formulator's Exemption Statement

(40 CFR 152.85)

Applicant's Name and Address	EPA File Symbol/Registration Number
J. Oliver Products, LLC 3187 Robertson Gin Road Hernando, MS 38632	83222-14
	Product Name Dicamba AG
	Date of Confidential Statement of Formula *(EPA Form 8570-4)* April 30, 2009

As an authorized representative of the applicant for registration of the product identified above, I certify that:

(1) This product contains the following active ingredient(s):

Dicamba

(2) Of these, each active ingredient listed in paragraph (4) is present solely as the result of the use of that active ingredient in the manufacturing, formulation or repackaging another product which contains that active ingredient which is registered under FIFRA Section 3, is purchased by us from another producer, and is labeled for at least each use for which my product is proposed to be labeled.

(3) Indicate by checking (A) or (B) below which paragraph applies:

☒ (A) An accurate Confidential Statement of Formula *(EPA FORM 8570-4)* for the above identified product is attached to this statement. That formula statement indicates, by company name, registration number, and product name, the source of the active ingredient(s) listed in paragraph (1).

OR

☐ (B) The Confidential Statement of Formula (CSF) (EPA Form 8570-4) referenced above and on file with the EPA is complete, current, and accurate and contains the information required on the current CSF.

(4) The following active ingredients in this product qualify for the formulator's exemption.

Source

Active Ingredient	Product Name	Registration Number
Dicamba Technical	[redacted]	[redacted]

Signature	Name and Title	Date
	Jane M. Miller, Agent	4/30/09

EPA Form 8570-27 (Rev. 8-95)

White - EPA copy
Yellow - Applicant copy

★ U.S. GPO: 1998-000-000/00000

Product ingredient source information may be entitled to confidential treatment

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401 M Street, S.W.
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DATA MATRIX

Date April 30, 2009	EPA Reg. No./File Symbol 83222-14	Page 1 of 6
Applicant's/Registrant's Name & Address J. Oliver Products, LLC 3187 Robertson Gin Road Hernando, MS 38632	Product Dicamba AG	

Ingredient Dicamba

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.1550	Product Identity and Composition		J. Oliver Products, LLC	OWN	
830.1600	Description of Materials Used to Produce the Product		J. Oliver Products, LLC	OWN	
830.1650	Description of Formulation Process		J. Oliver Products, LLC	OWN	
830.1670	Discussion of Formation of Impurities		J. Oliver Products, LLC	OWN	
830.1750	Certified Limits		J. Oliver Products, LLC	OWN	
830.1800	Enforcement Analytical Method		J. Oliver Products, LLC	OWN	
830.1900	Submittal of Samples				1
830.6302	Color		J. Oliver Products, LLC	OWN	
830.6303	Physical State		J. Oliver Products, LLC	OWN	
830.6304	Odor		J. Oliver Products, LLC	OWN	
830.6314	Oxidation / Reduction: Chemical Incompatibility				2
830.6315	Flammability / Flame Extension				3
830.6316	Explodability				4
830.6317	Storage Stability				5
830.6319	Miscibility				6

Signature	Name and Title	Date
	Jane M. Miller, Consultant for J. Oliver Products, LLC	4/30/2009

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DATA MATRIX

Date April 30, 2009			EPA Reg. No./File Symbol 83222-14		Page 2 of 6
Applicant's/Registrant's Name & Address J. Oliver Products, LLC 3187 Robertson Gin Road Hernando, MS 38632			Product Dicamba AG		
Ingredient Dicamba					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.6320	Corrosion Characteristics				7
830.6321	Dielectric Breakdown Voltage				8
830.7000	pH		J. Oliver Products, LLC	OWN	
830.7100	Viscosity		J. Oliver Products, LLC	OWN	
830.7300	Density		J. Oliver Products, LLC	OWN	
870.1100	Acute Oral Toxicity	Cite-All		PAY	
870.1200	Acute Dermal Toxicity	Cite-All		PAY	
870.1300	Acute Inhalation	Cite-All		PAY	
870.2400	Acute Eye Irritation	Cite-All		PAY	
870.2500	Acute Dermal Irritation	Cite-All		PAY	
870.2600	Skin Sensitization	Cite-All		PAY	
Remaining data requirements including Ecological Effects, Environmental Fate, Residue Chemistry, and all other generic data requirements, including task forces.		Cite-All		PAY	
The following companies have been sent offer to pay letters:					
			Syngenta Crop Protection	PAY	
			Greensboro, NC		
Signature			Name and Title Jane M. Miller, Consultant for J. Oliver Products, LLC		Date 4/30/2009

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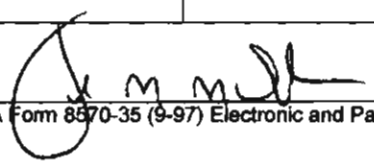
DATA MATRIX

Date April 30, 2009	EPA Reg. No./File Symbol 83222-14	Page 3 of 6
Applicant's/Registrant's Name & Address J. Oliver Products, LLC 3187 Robertson Gin Road Hernando, MS 38632	Product Dicamba AG	

Ingredient Dicamba

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			Nufarm Inc.	PAY	
			Burr Ridge, IL		
			Nufarm Americas, Inc.	PAY	
			Burr Ridge, IL		
			Residential Exposure Joint Venture	PAY	
			Washington, DC		
			Agricultural Handlers Exposure TF	PAY	
			Macon, MO		
			Libertas Now, Inc.	PAY	
			Annapolis, MD		
			Monsanto Co.	PAY	
			Washington, DC		
			Spray Drift Task Force	PAY	
			Washington, DC		
			Dow Agrosciences LLC	PAY	
			Indianapolis, IN		
			Outdoor Residential Task Force	PAY	
			Washington, DC 20005		

Signature	Name and Title	Date
	Jane M. Miller, Consultant for J. Oliver Products, LLC	4/30/2009

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Agency Internal Use Copy

Based on Form Approved OMB No. 2070-0060

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401 M Street, S.W.
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DATA MATRIX

Date April 30, 2009	EPA Reg. No./File Symbol 83222-14	Page 4 of 6
Applicant's/Registrant's Name & Address J. Oliver Products, LLC 3187 Robertson Gin Road Hernando, MS 38632	Product Dicamba AG	
Ingredient Dicamba		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			Agricultural Re-Entry Task Force	PAY	
			Washington, DC 20005		
			Atbaugh, Inc.	PAY	
			Valdosta, GA		
			BASF Corporation	PAY	
			Research Triangle Park, NC		
			The Scotts Company	PAY	
			Marysville, OH		
			PBI/Gordon Corp.	PAY	
			Kansas City, MO		
			Chemsico	PAY	
			St. Louis, MO		
			Gharda USA, Inc.	PAY	
			Newtown, PA		
			Bayer Advanced	PAY	
			Research Triangle Park, NC		
			FIFRA Endangered Species TF	PAY	
			Washington, DC		

Signature	Name and Title	Date
	Jane M. Miller, Consultant for J. Oliver Products, LLC	4/30/2009

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Based on Form Approved OMB No. 2070-0060

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
401 M Street, S.W.
WASHINGTON, D.C. 20460

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Ingredient Dicamba

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			E.I. DuPont de Nemours	PAY	
			Newark, DE		
			Loveland Products, Inc.	PAY	
			Greeley, CO		
			Nufarm Limited	PAY	
			Research Triangle Park, NC		
			W. Neudorff GmbH	PAY	
			Great Falls, VA		
			Petro-Canada	PAY	
			Washington, DC		
			FIFRA Endangered Species TF	PAY	
			Washington, DC		
			Axss USA, LLC	PAY	
			Brookfield, CT		

Signature	Name and Title	Date
	Jane M. Miller, Consultant for J. Oliver Products, LLC	4/30/2009

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Data Matrix Footnotes

1. Not required at this time for this end-use product.
2. Not applicable. Neither the technical grade active ingredient nor the inert ingredients are considered strong oxidizing or reducing agents.
3. Not applicable. The product does not contain combustible liquids.
4. Not applicable. Neither the technical grade active ingredient nor the inert ingredients are considered as potentially explosive.
5. Study in progress.
6. Not applicable. The product is not intended to be diluted with a petroleum solvent.
7. Study in progress.
8. Not applicable. The product is not intended for use around electrical equipment.

FOR OFFICIAL USE ONLY

FILE SYMBOL
REGISTRATION NO.

CONFIDENTIAL STATEMENT OF FORMULA ENCLOSED

DATE SUBMITTED	SUBMITTED BY (✓)	
	APPLICANT	BASIC SUPPLIER

Do Not Write Comments, Formula, or Parts of Formula on This Envelope

NOTE

It shall be unlawful—for any person to use for his own advantage or to reveal, other than to the Secretary or officials or employees of the United States Department of Agriculture or other Federal agencies, or to the courts in response to a subpoena, or to physicians, and in emergencies to pharmacists and other qualified persons, for use in the preparation of antidotes, in accordance with such directions as the Secretary may prescribe, any information relative to formulas of products acquired by authority of Section 4 of the "Federal Insecticide, Fungicide, and Rodenticide Act."

Pages 194-198 - *Confidential Statements of Formula may be entitled to confidential treatment*